

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001169.D
 Acq On : 27 Apr 2018 14:46
 Operator : JC/MD
 Sample : VX0427WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Manual Integrations
 APPROVED

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 4/30/2018 6:04:37 PM

Quant Time: Apr 28 03:23:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	292845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142719	41.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.42%	
35) Dibromofluoromethane	5.51	113	111481	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
50) Toluene-d8	8.72	98	426585	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
62) 4-Bromofluorobenzene	11.14	95	167869	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46723	19.94	ug/l	99
3) Chloromethane	1.32	50	46498	18.95	ug/l	100
4) Vinyl Chloride	1.40	62	48867	18.77	ug/l	97
5) Bromomethane	1.64	94	37924	22.59	ug/l	94
6) Chloroethane	1.73	64	30560	18.65	ug/l	96
7) Trichlorofluoromethane	1.93	101	84578	20.11	ug/l	96
8) Diethyl Ether	2.19	74	30139	18.64	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47456	20.48	ug/l	99
10) Methyl Iodide	2.51	142	33749	19.22	ug/l	100
11) Tert butyl alcohol	3.07	59	60176	88.11	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43111	19.08	ug/l	94
13) Acrolein	2.29	56	17136	66.37	ug/l	98
14) Allyl chloride	2.73	41	77870	18.89	ug/l	98
15) Acrylonitrile	3.15	53	128725	88.26	ug/l	100
16) Acetone	2.45	43	126757	89.00	ug/l	98
17) Carbon Disulfide	2.57	76	103728	17.99	ug/l	100
18) Methyl Acetate	2.78	43	65078	18.26	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	154843	18.62	ug/l	98
20) Methylene Chloride	2.86	84	47712	17.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	45750	18.32	ug/l	98
22) Diisopropyl ether	3.88	45	147768	17.92	ug/l	96
23) Vinyl Acetate	3.83	43	645472	92.26	ug/l	99
24) 1,1-Dichloroethane	3.70	63	83975	19.37	ug/l	99
25) 2-Butanone	4.71	43	182488	85.63	ug/l	100
26) 2,2-Dichloropropane	4.59	77	62819	18.41	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	51265	18.75	ug/l	98
28) Bromochloromethane	5.03	49	38855	19.99	ug/l	99
29) Tetrahydrofuran	5.17	42	115169	84.06	ug/l	99
30) Chloroform	5.22	83	87415	18.97	ug/l	99
31) Cyclohexane	5.58	56	72248	19.62	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	75457	18.96	ug/l	98
36) 1,1-Dichloropropene	5.81	75	63527	19.69	ug/l	99
37) Ethyl Acetate	4.87	43	69870	18.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	66649	20.14	ug/l	95

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 Misc : 5.0mL/MSVOA X/WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74543	20.87	ug/l	98
40) Benzene	6.15	78	189553	20.30	ug/l	97
41) Methacrylonitrile	5.07	41	39499	18.19	ug/l	97
42) 1,2-Dichloroethane	6.21	62	75338	20.03	ug/l	99
43) Isopropyl Acetate	6.48	43	113414	18.69	ug/l	99
44) Trichloroethene	7.22	130	57174	20.56	ug/l	95
45) 1,2-Dichloropropane	7.52	63	49174	20.03	ug/l	99
46) Dibromomethane	7.67	93	34963	20.56	ug/l	99
47) Bromodichloromethane	7.90	83	60918	19.72	ug/l	100
48) Methyl methacrylate	7.79	41	60409	18.73	ug/l	99
49) 1,4-Dioxane	7.76	88	23876	369.66	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	378972	95.06	ug/l	97
52) Toluene	8.79	92	125351	20.53	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	72433	20.17	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	67175	19.32	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51962	20.12	ug/l	98
56) Ethyl methacrylate	9.19	69	74018	19.34	ug/l	99
57) 1,3-Dichloropropane	9.38	76	83789	20.05	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	174565	96.49	ug/l	100
59) 2-Hexanone	9.50	43	287415	92.01	ug/l	99
60) Dibromochloromethane	9.59	129	52073	19.45	ug/l	100
61) 1,2-Dibromoethane	9.68	107	54521	20.15	ug/l	99
64) Tetrachloroethene	9.34	164	64178	21.37	ug/l	99
65) Chlorobenzene	10.15	112	147200	19.97	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52073	20.42	ug/l	99
67) Ethyl Benzene	10.26	91	246817	20.61	ug/l	99
68) m/p-Xylenes	10.37	106	193511	40.87	ug/l	99
69) o-Xylene	10.70	106	94741	20.63	ug/l	97
70) Styrene	10.72	104	154057	20.16	ug/l	99
71) Bromoform	10.86	173	40411	18.52	ug/l #	99
73) Isopropylbenzene	11.02	105	253897	20.28	ug/l	100
74) N-amyl acetate	6.48	43	113414	17.98	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	76144	18.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	72855m	18.63	ug/l	
77) Bromobenzene	11.26	156	73533	19.81	ug/l	99
78) n-propylbenzene	11.37	91	288992	20.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	172259	19.91	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	214693	20.26	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	16519	17.20	ug/l	88
82) 4-Chlorotoluene	11.52	91	205501	19.98	ug/l	100
83) tert-Butylbenzene	11.77	119	208716	19.73	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	222981	20.47	ug/l	100
85) sec-Butylbenzene	11.95	105	254835	20.62	ug/l	99
86) p-Isopropyltoluene	12.07	119	234413	20.39	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	135566	20.34	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	138323	19.92	ug/l	99
89) n-Butylbenzene	12.40	91	200078	20.11	ug/l	100
90) Hexachloroethane	12.60	117	32628	19.78	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	134406	19.95	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15971	17.42	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

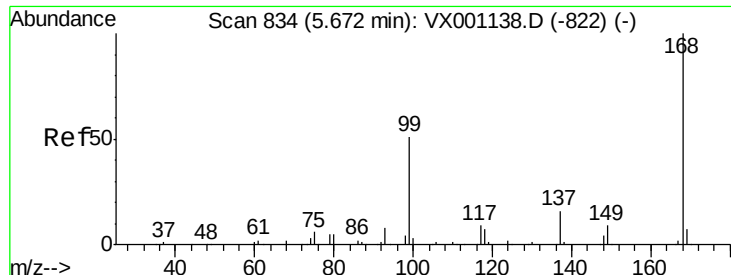
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103780	19.65	ug/l	99
94) Hexachlorobutadiene	13.79	225	47191	19.01	ug/l	99
95) Naphthalene	13.84	128	277900	18.89	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	103119	19.62	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion:168 Resp: 223426

Ion Ratio Lower Upper

168 100

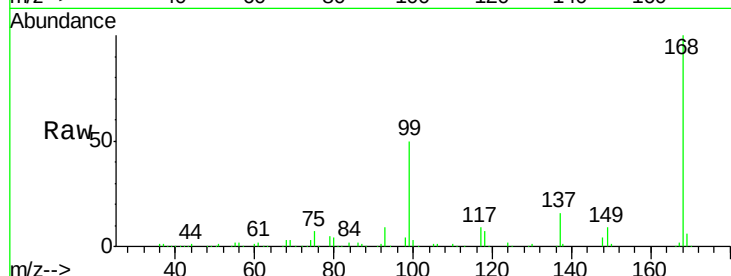
99 49.9 40.6 60.8

Manual Integrations

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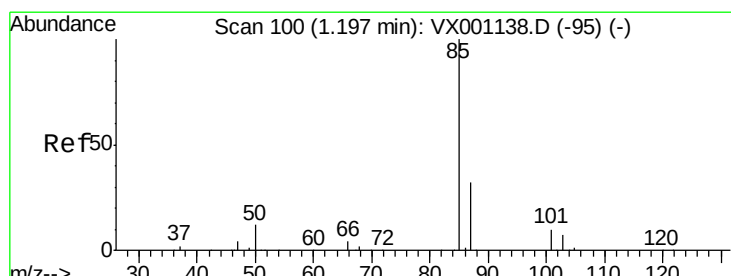
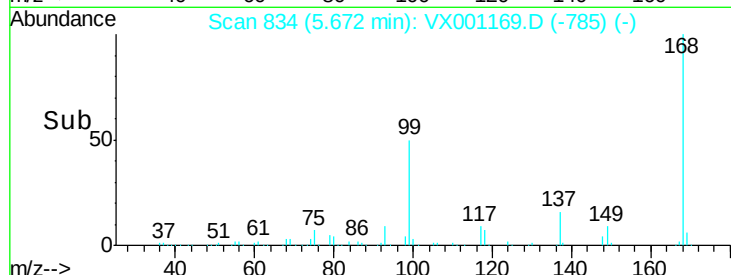
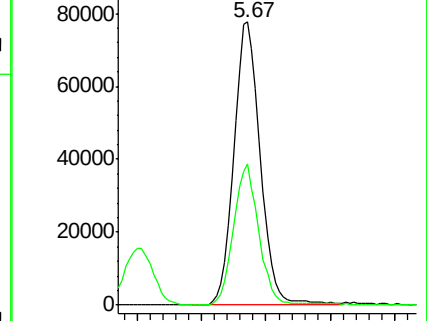
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.94 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001169.D

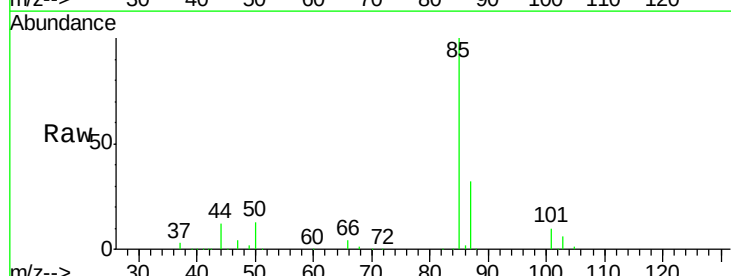
Acq: 27 Apr 2018 14:46

Tgt Ion: 85 Resp: 46723

Ion Ratio Lower Upper

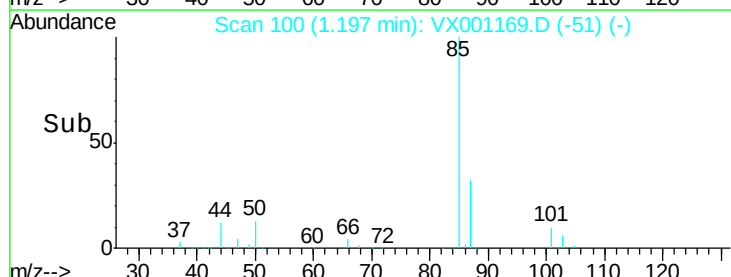
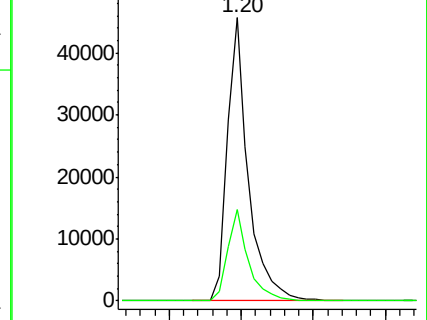
85 100

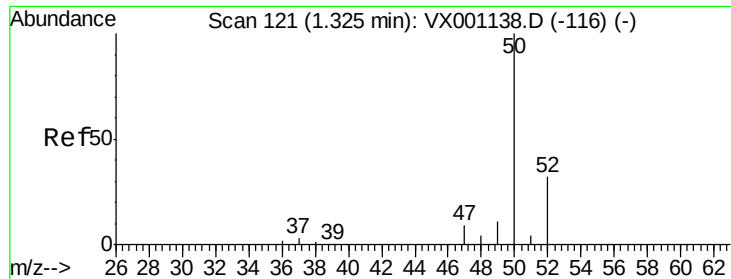
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.95 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 50 Resp: 46498

Ion Ratio Lower Upper

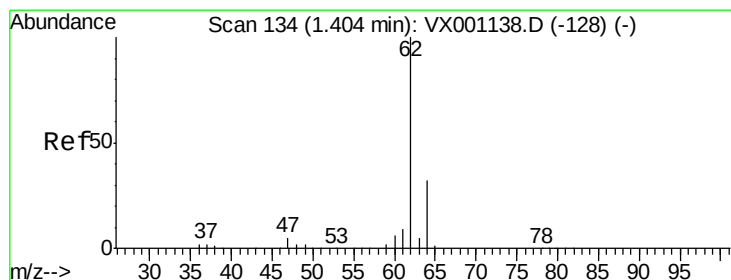
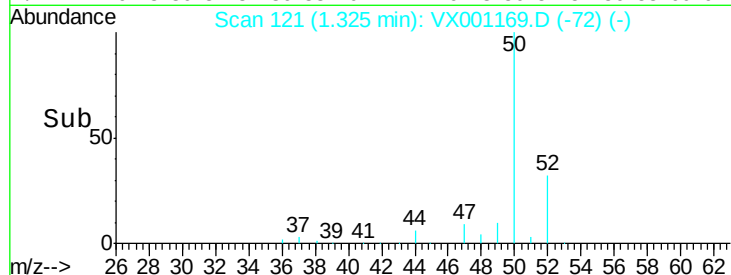
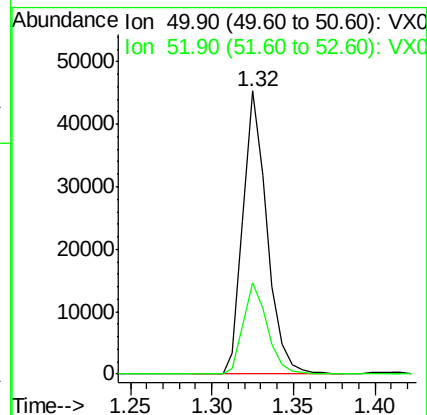
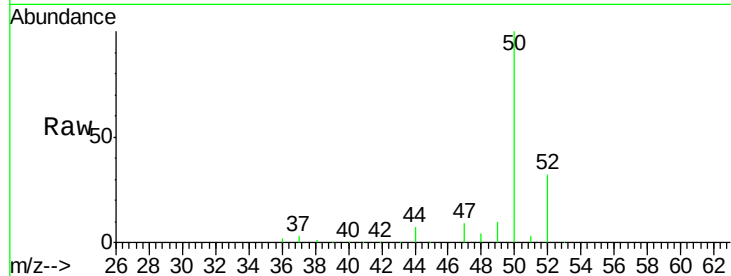
50 100

52 32.2 25.9 38.9

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#4

Vinyl Chloride

Concen: 18.77 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001169.D

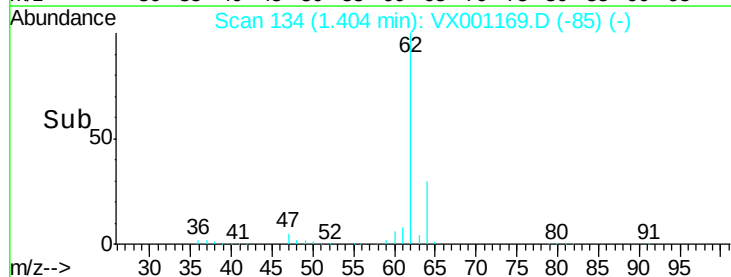
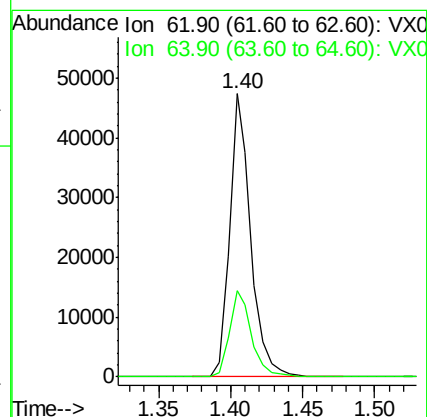
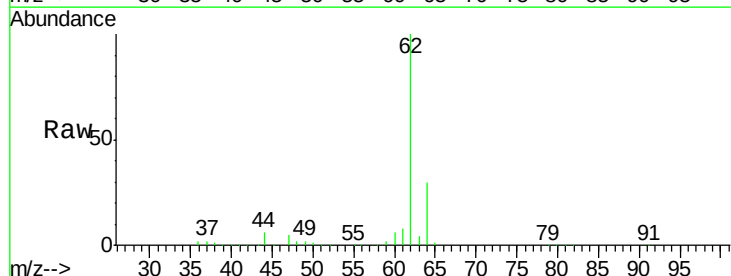
Acq: 27 Apr 2018 14:46

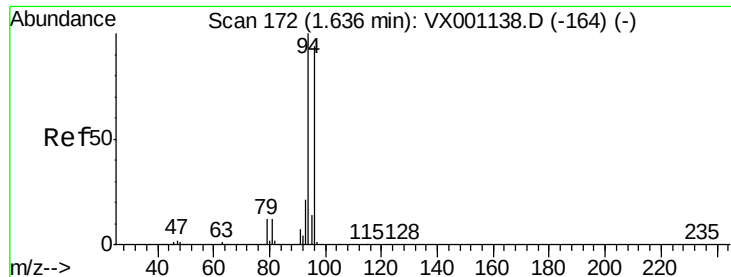
Tgt Ion: 62 Resp: 48867

Ion Ratio Lower Upper

62 100

64 30.4 25.6 38.4





#5

Bromomethane

Concen: 22.59 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 94 Resp: 37924

Ion Ratio Lower Upper

94 100

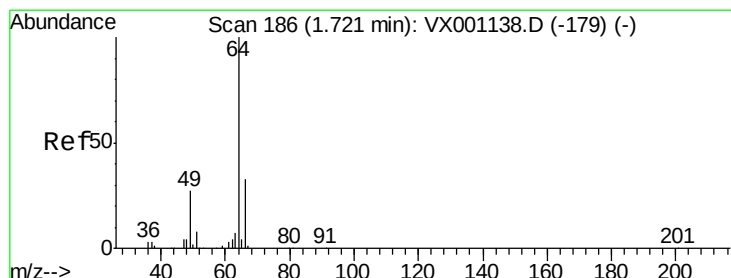
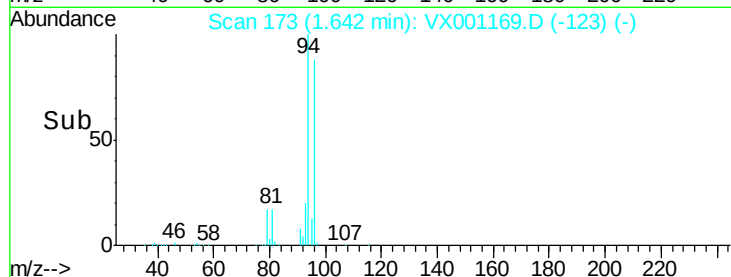
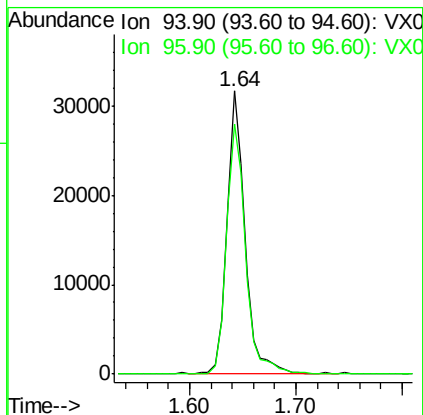
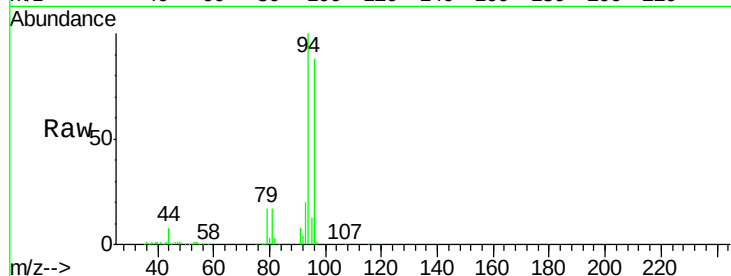
96 88.0 75.3 112.9

Manual Integrations

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#6

Chloroethane

Concen: 18.65 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001169.D

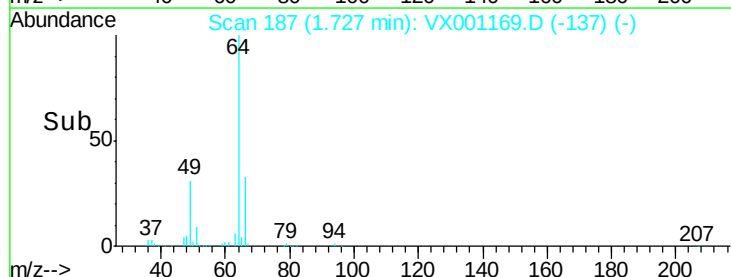
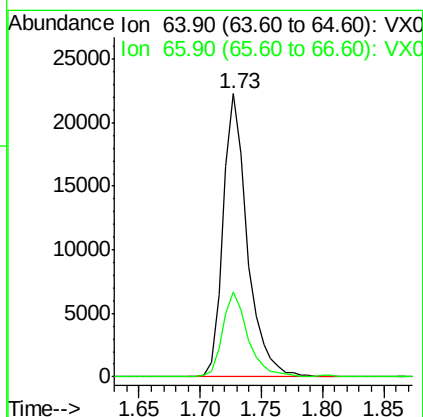
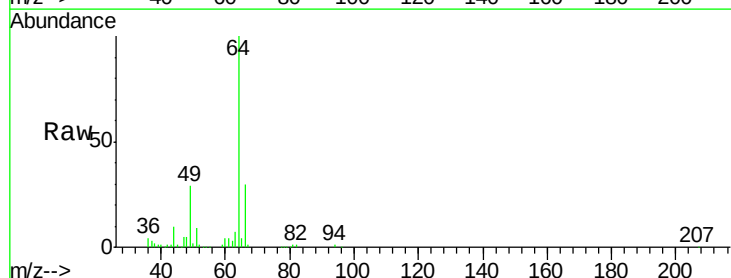
Acq: 27 Apr 2018 14:46

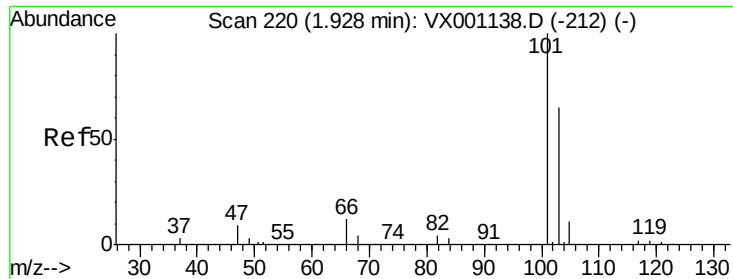
Tgt Ion: 64 Resp: 30560

Ion Ratio Lower Upper

64 100

66 30.2 26.1 39.1





#7

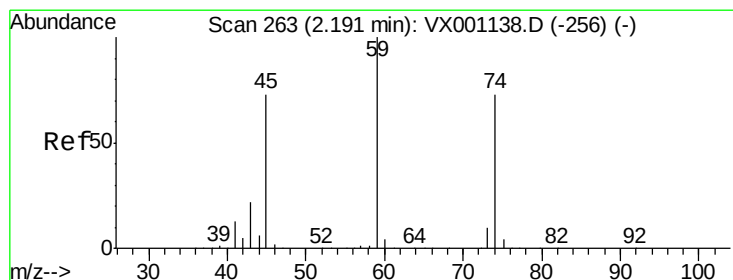
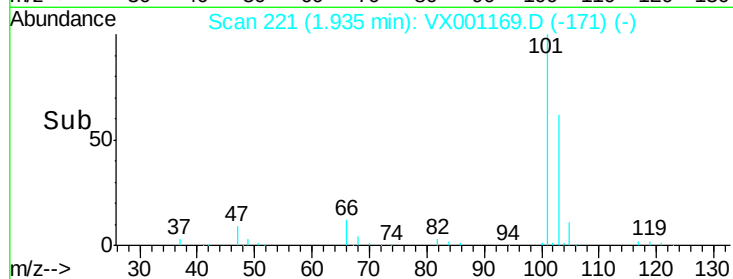
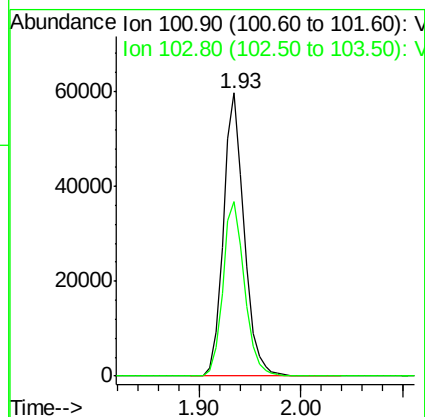
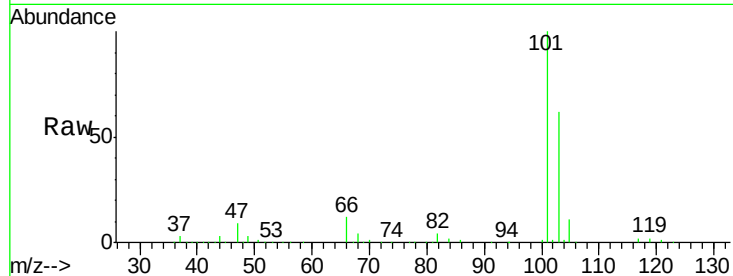
Trichlorofluoromethane
 Concen: 20.11 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
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 ClientSampleId :
 VX0427WBSD01

Tot Ion:101 Resp: 84578
 Ion Ratio Lower Upper
 101 100
 103 61.6 51.9 77.9

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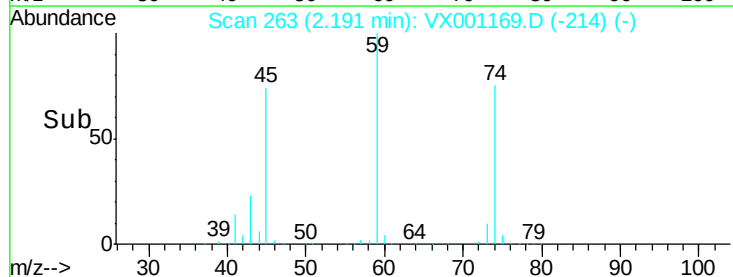
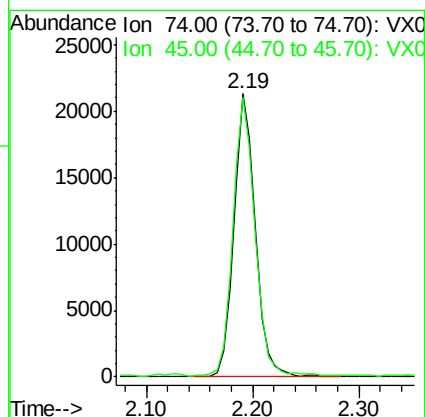
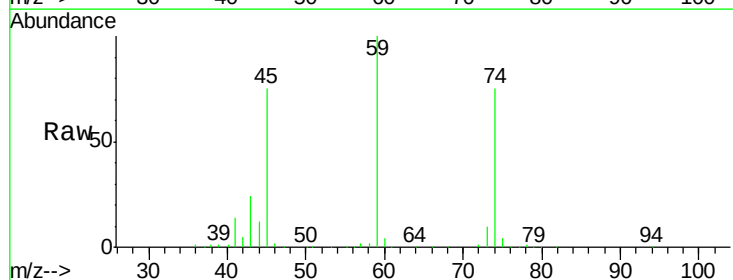
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 4/30/2018 6:04:37 PM

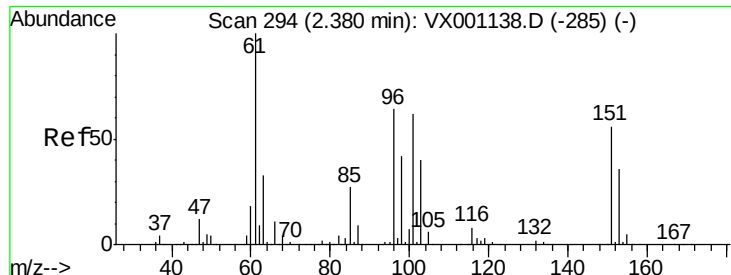


#8

Diethyl Ether
 Concen: 18.64 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion: 74 Resp: 30139
 Ion Ratio Lower Upper
 74 100
 45 100.7 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.48 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

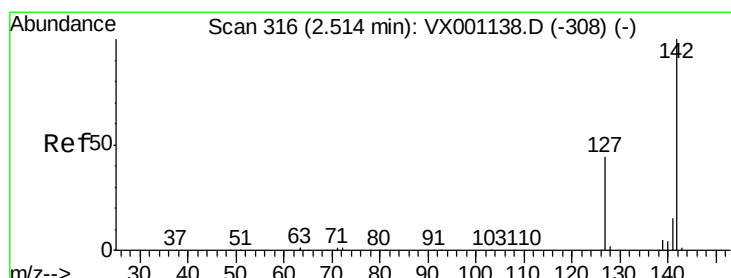
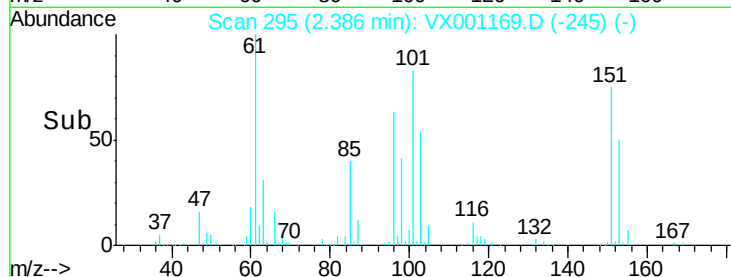
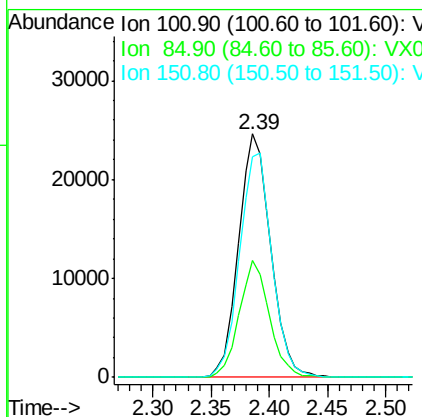
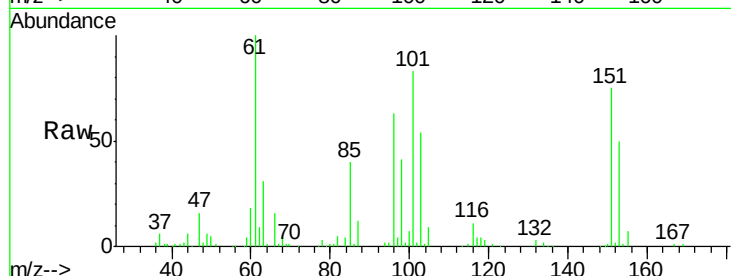
ClientSampleId :

VX0427WBSD01

Tot Ion:	101	Resp:	47456
Ion	Ratio	Lower	Upper
101	100		
85	45.3	35.4	53.0
151	93.0	74.2	111.4

Manual Integrations
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#10

Methyl Iodide

Concen: 19.22 ug/l

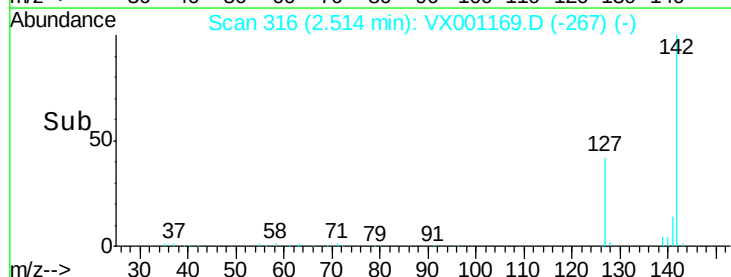
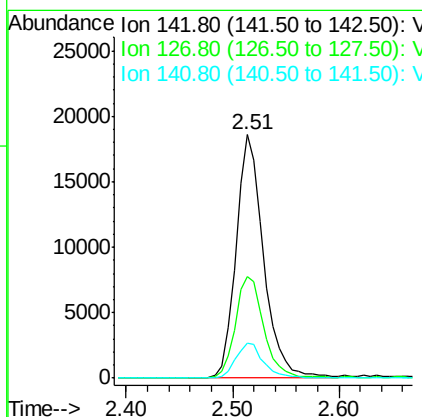
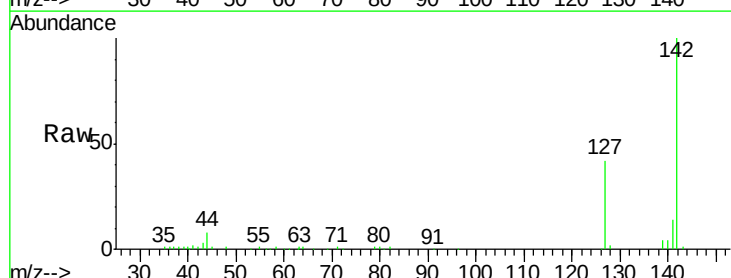
RT: 2.51 min Scan# 316

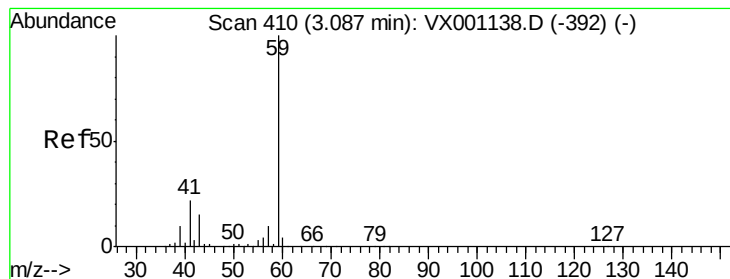
Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:	142	Resp:	33749
Ion	Ratio	Lower	Upper
142	100		
127	43.3	34.7	52.1
141	14.3	11.6	17.4





#11

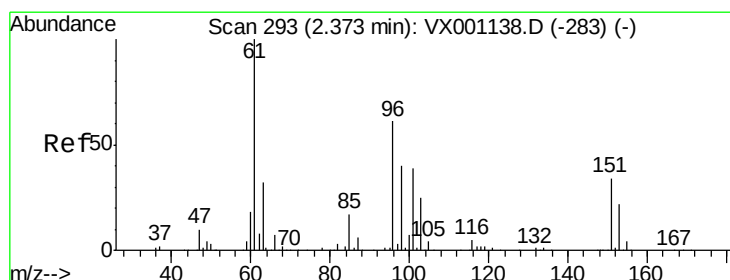
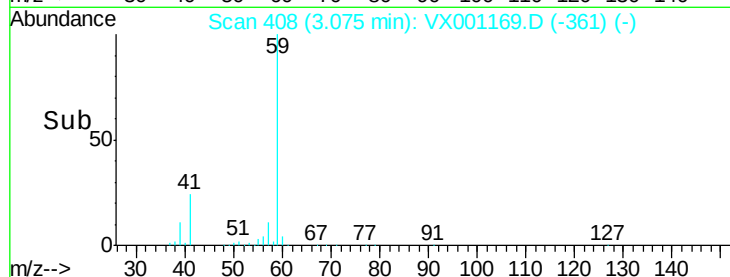
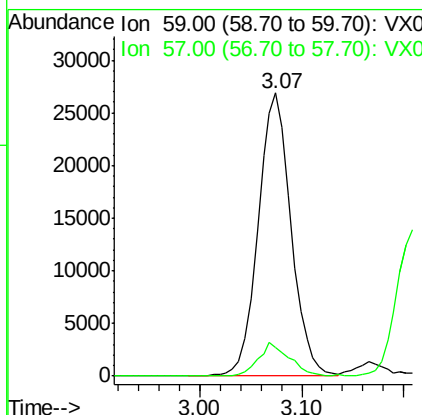
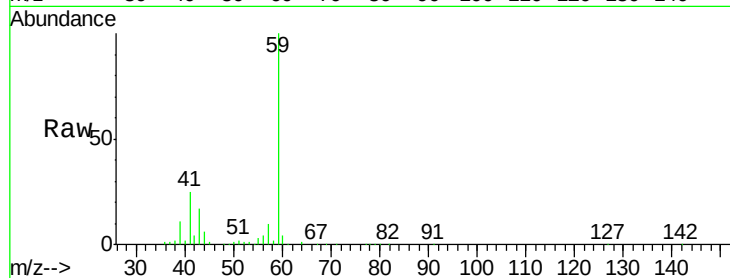
Tert butyl alcohol
 Concen: 88.11 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.1	8.2	12.4

Manual Integrations
 APPROVED

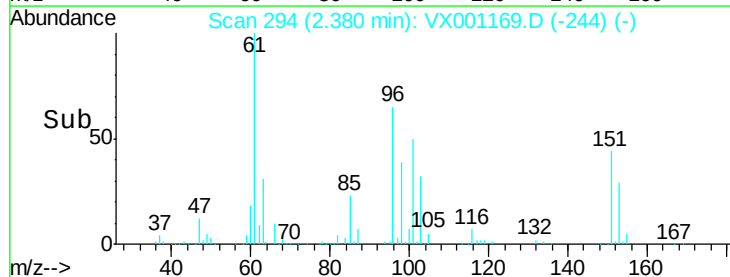
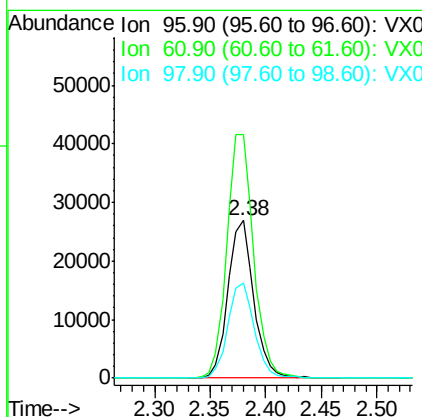
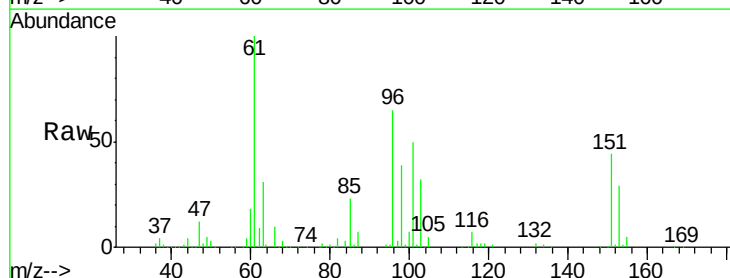
MMDadoda
 4/30/2018 6:04:37 PM

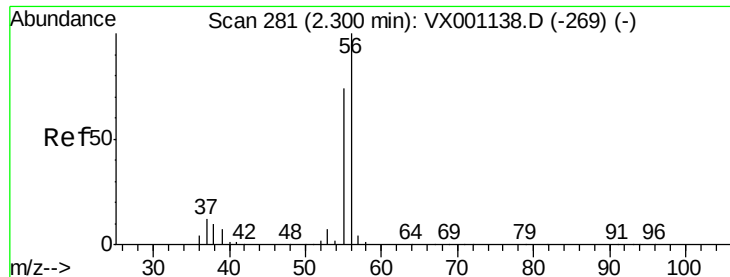


#12

1,1-Dichloroethene
 Concen: 19.08 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.7	130.2	195.4
98	60.3	51.5	77.3





#13

Acrolein

Concen: 66.37 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 56 Resp: 17136

Ion Ratio Lower Upper

56 100

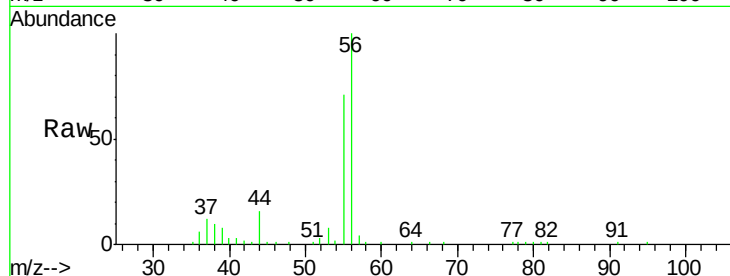
55 69.7 57.2 85.8

Manual Integrations

APPROVED

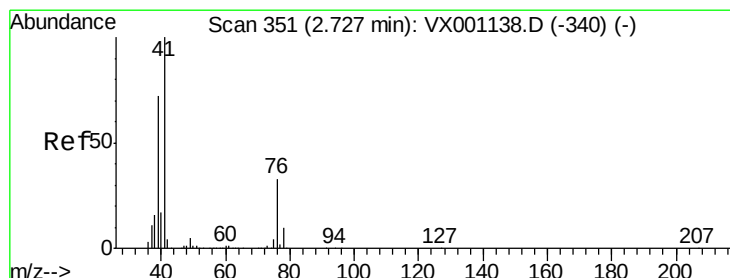
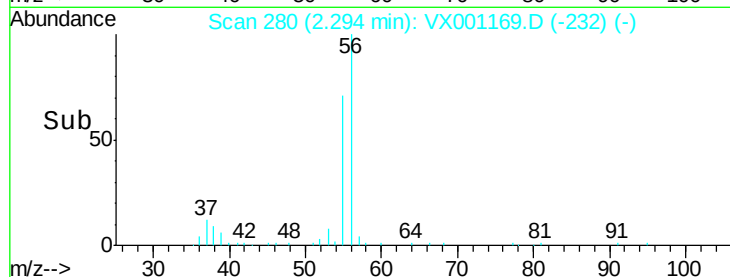
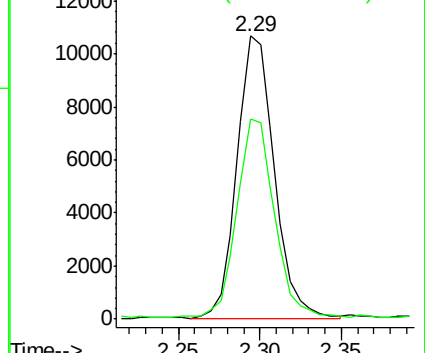
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.89 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

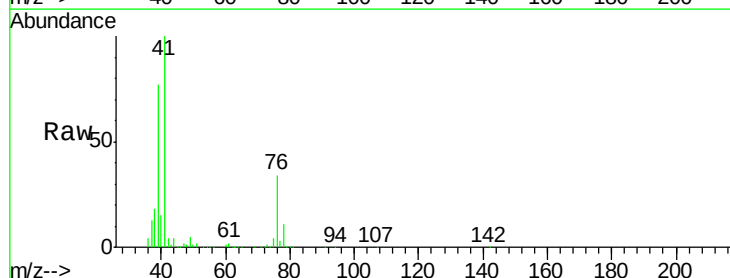
Tgt Ion: 41 Resp: 77870

Ion Ratio Lower Upper

41 100

39 72.1 55.6 83.4

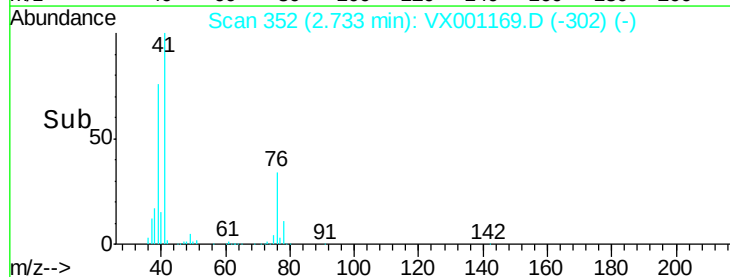
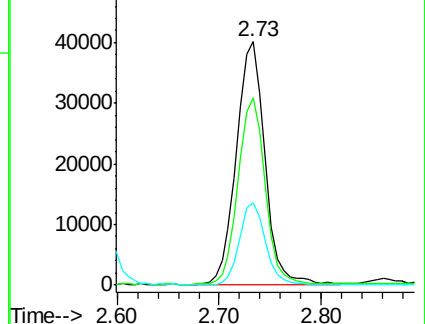
76 30.8 24.8 37.2

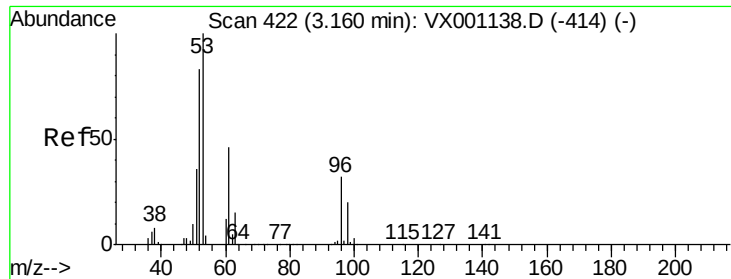


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.26 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

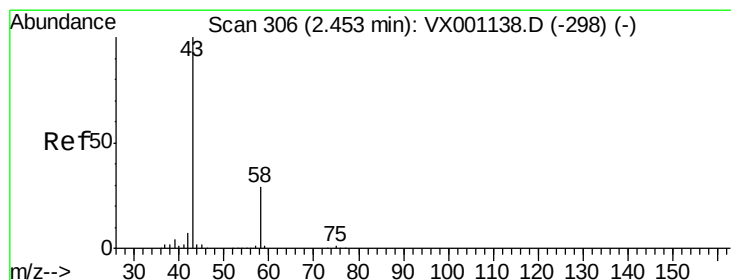
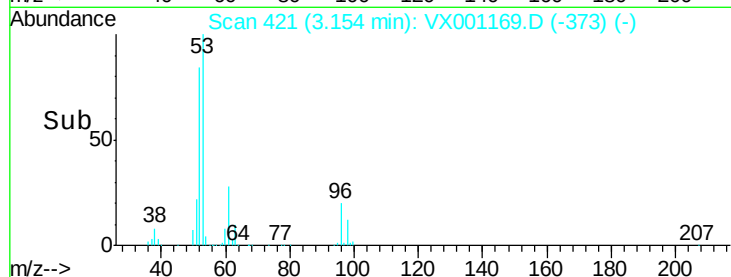
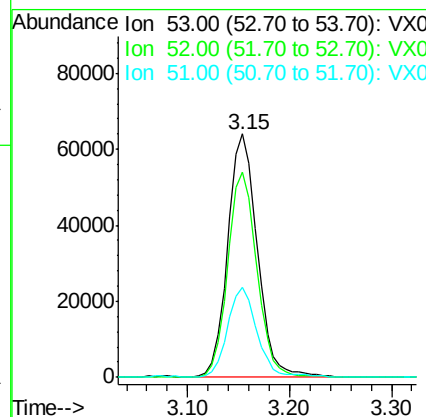
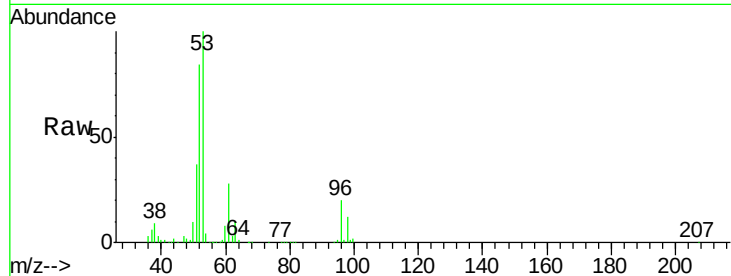
ClientSampleId :

VX0427WBSD01

Tot Ion:	53	Resp:	128725
Ion Ratio		Lower	Upper
53	100		
52	83.3	66.5	99.7
51	36.6	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 89.00 ug/l

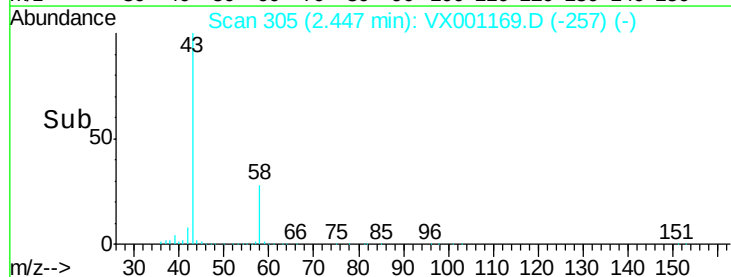
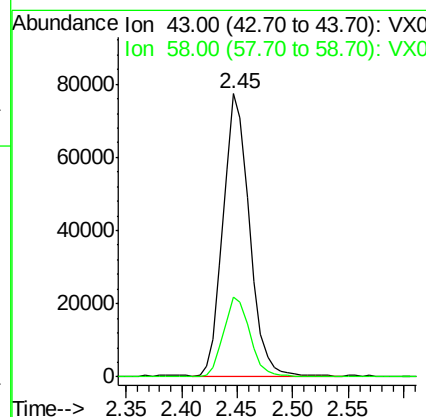
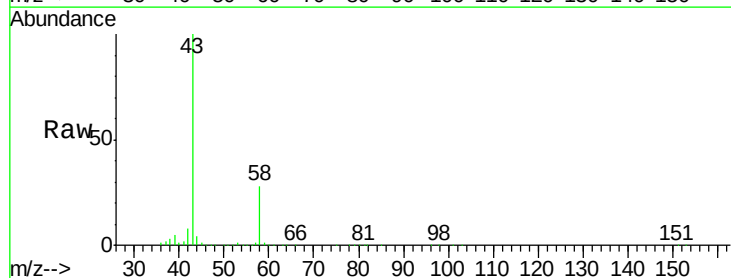
RT: 2.45 min Scan# 305

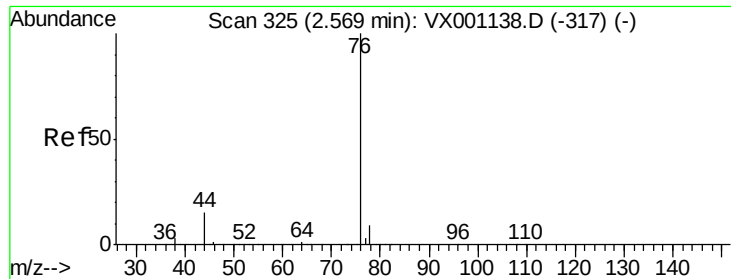
Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:	43	Resp:	126757
Ion Ratio		Lower	Upper
43	100		
58	28.0	23.0	34.6





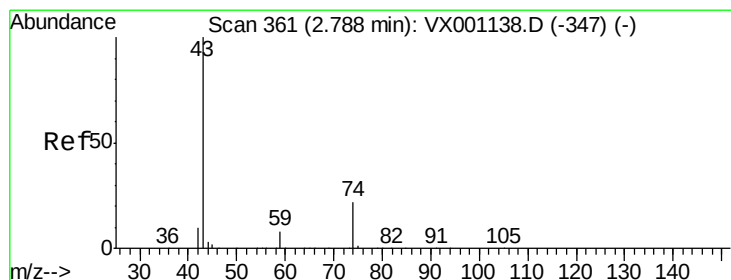
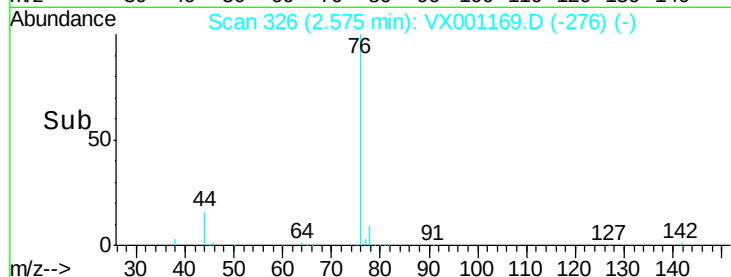
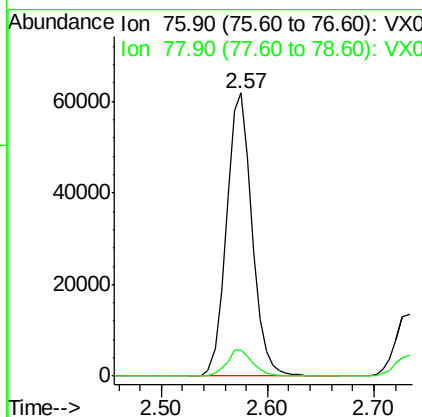
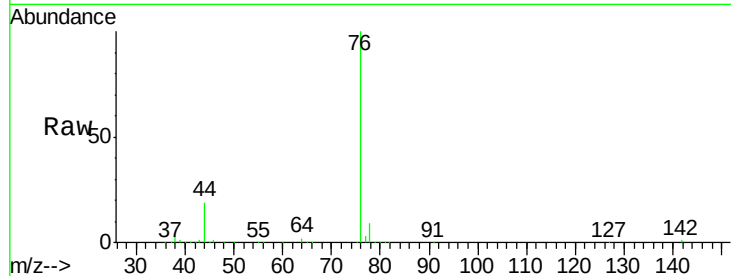
#17
Carbon Disulfide
Concen: 17.99 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

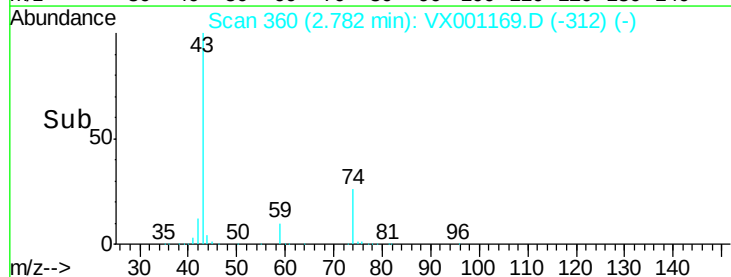
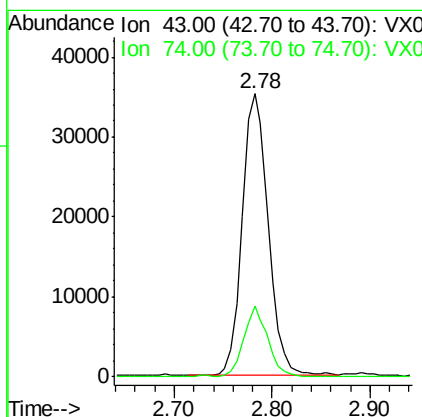
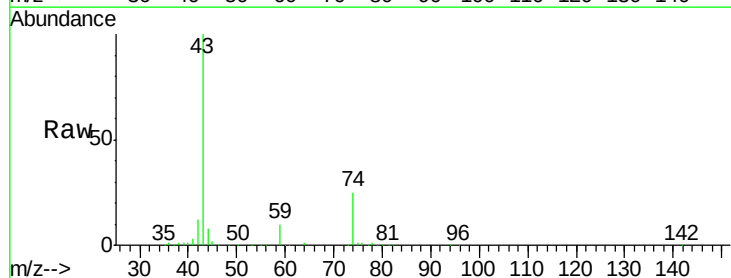
Manual Integrations
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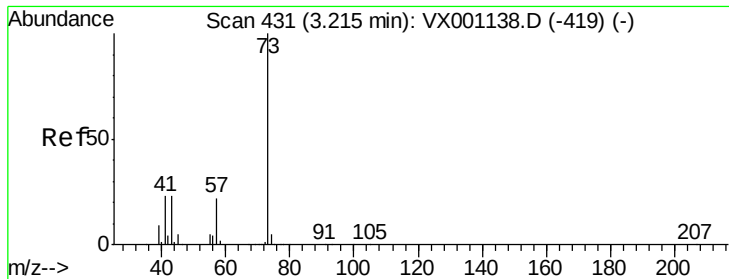
MMDadoda
4/30/2018 6:04:37 PM



#18
Methyl Acetate
Concen: 18.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.1	27.1





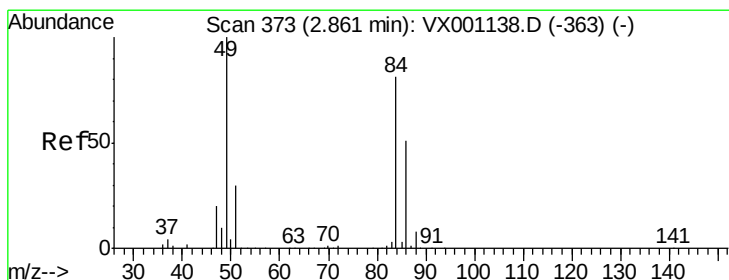
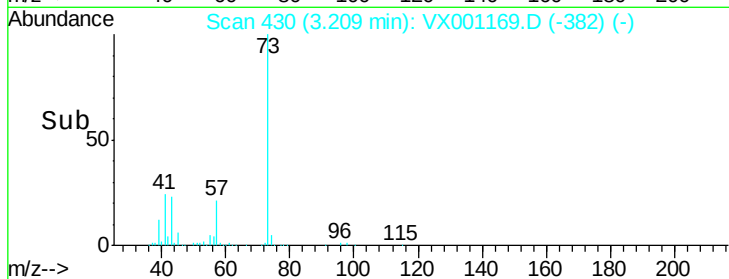
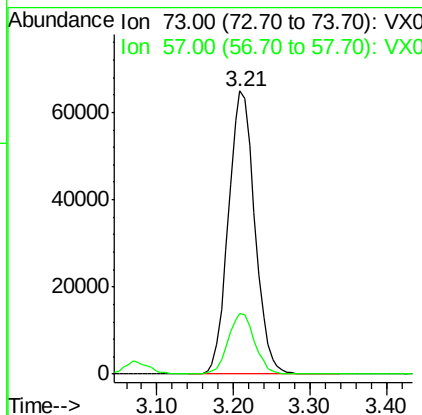
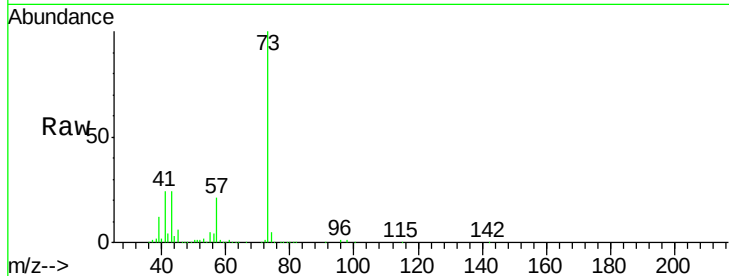
#19
Methyl tert-butyl Ether
Concen: 18.62 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion: 73 Resp: 154843
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

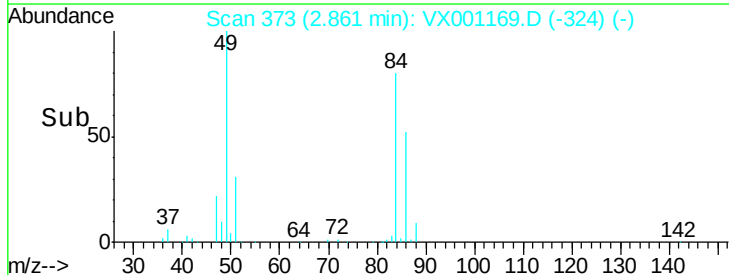
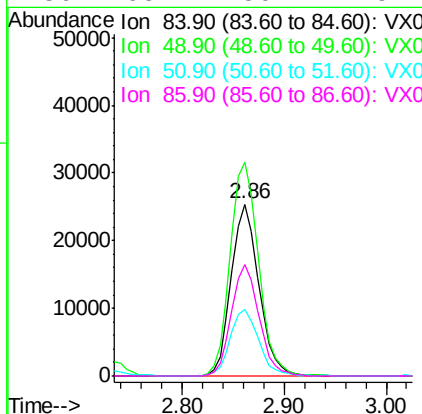
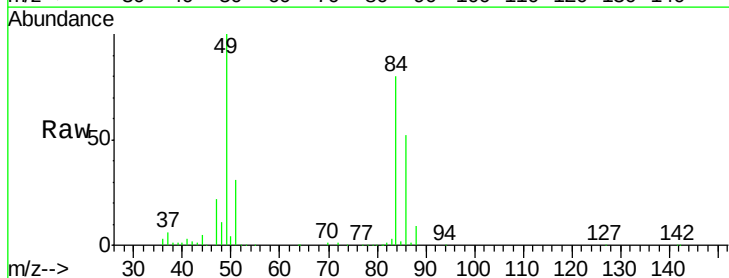
Manual Integrations
APPROVED

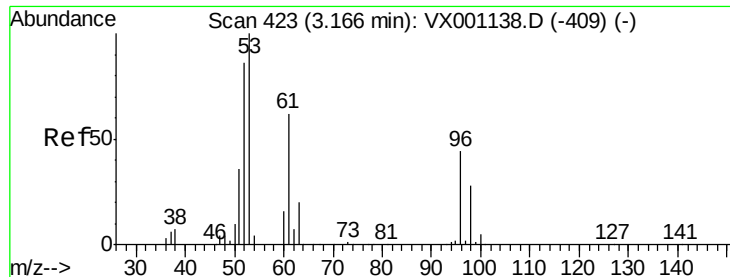
MMDadoda
4/30/2018 6:04:37 PM



#20
Methylene Chloride
Concen: 17.99 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 84 Resp: 47712
Ion Ratio Lower Upper
84 100
49 124.3 99.2 148.8
51 38.4 29.5 44.3
86 65.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.32 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 96 Resp: 45750

Ion Ratio Lower Upper

96 100

61 143.7 111.9 167.9

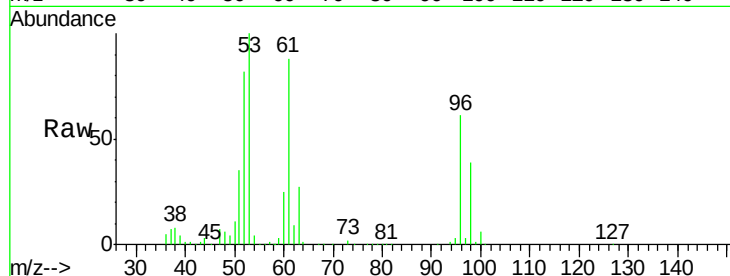
98 64.5 51.1 76.7

Manual Integrations

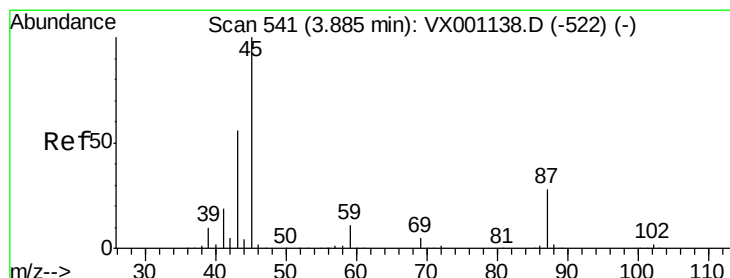
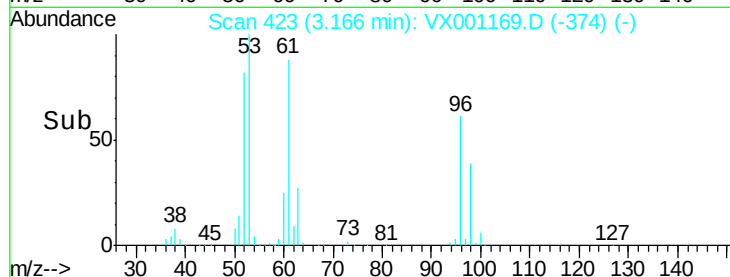
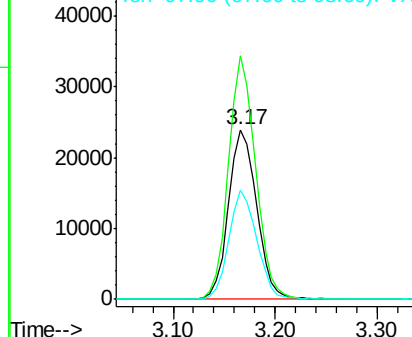
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.92 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion: 45 Resp: 147768

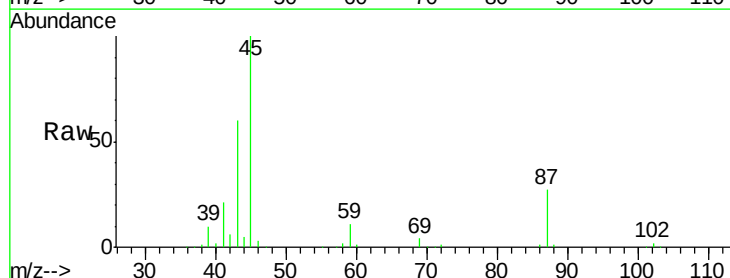
Ion Ratio Lower Upper

45 100

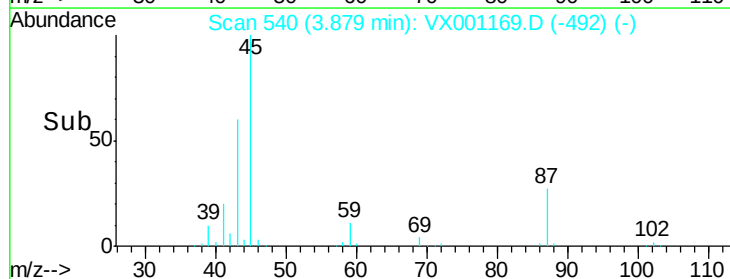
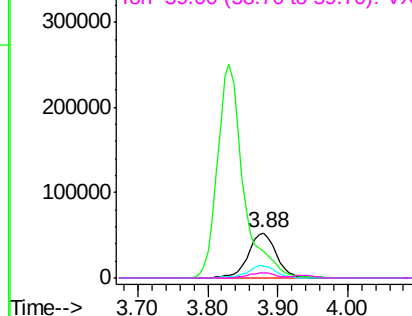
43 59.6 45.0 67.4

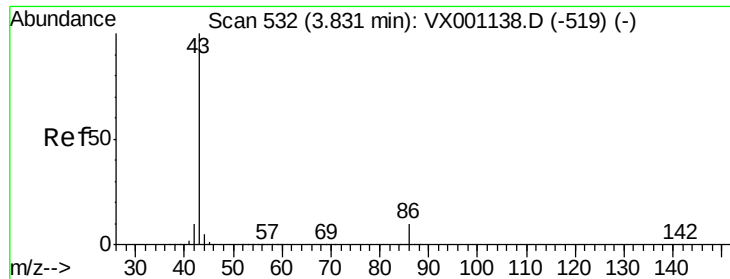
87 26.9 22.8 34.2

59 10.6 9.0 13.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 92.26 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 43 Resp: 645472

Ion Ratio Lower Upper

43 100

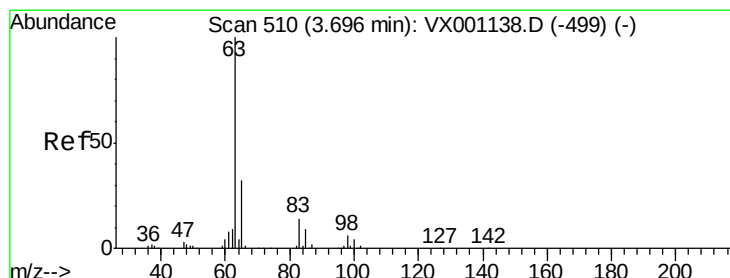
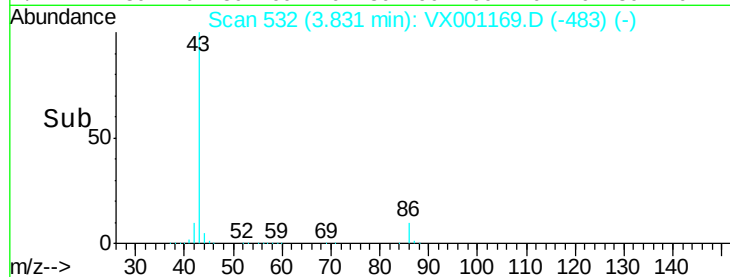
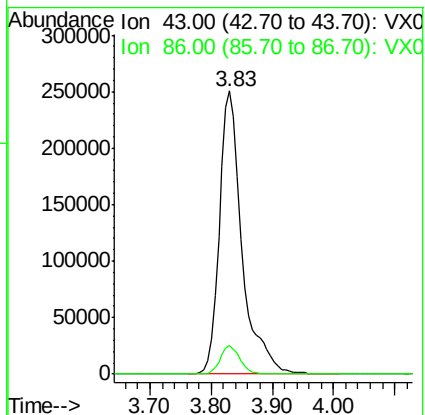
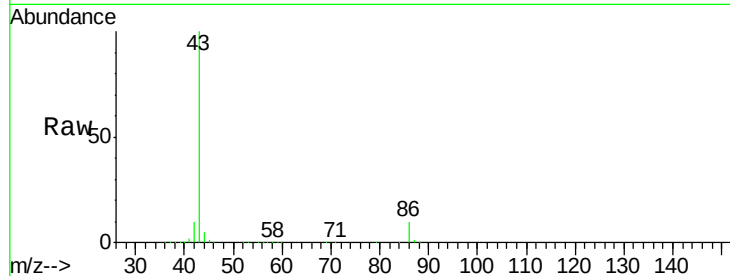
86 10.3 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.37 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

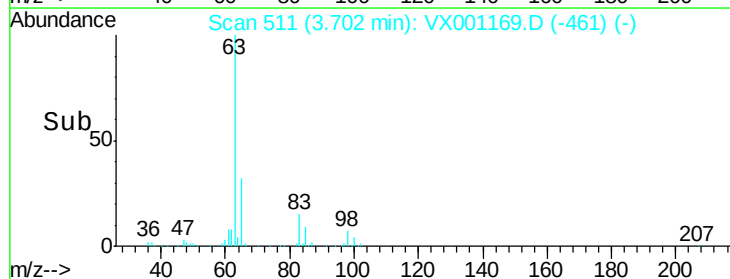
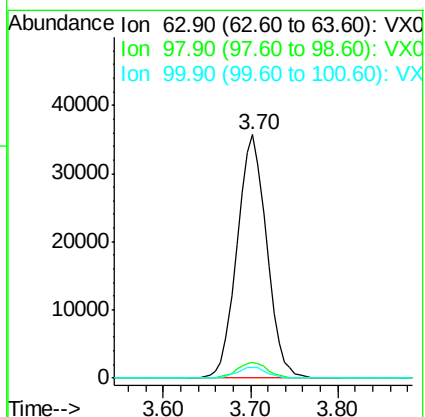
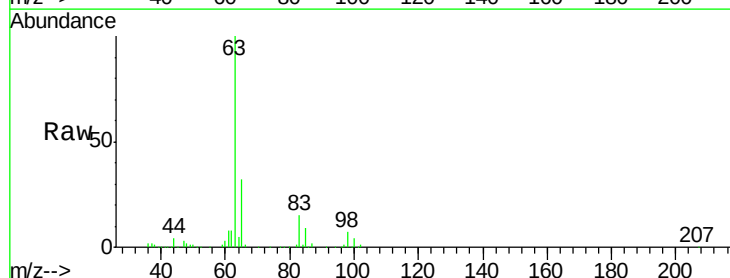
Tgt Ion: 63 Resp: 83975

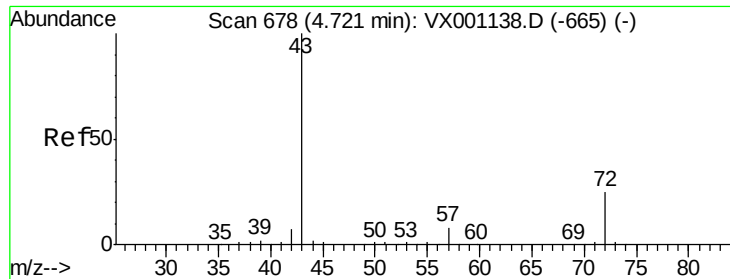
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.4

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 85.63 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tot Ion: 43 Resp: 182488

Ion Ratio Lower Upper

43 100

72 25.0 20.0 30.0

Instrument :

MSVOA_X

ClientSampleId :

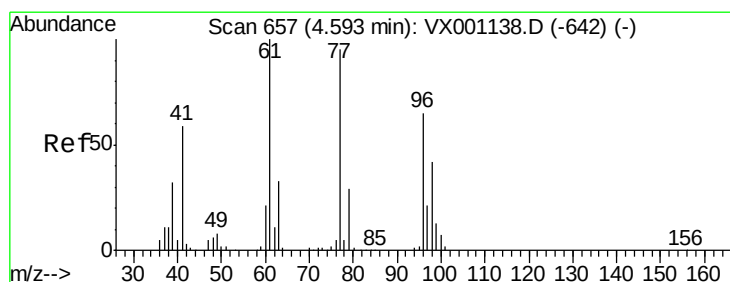
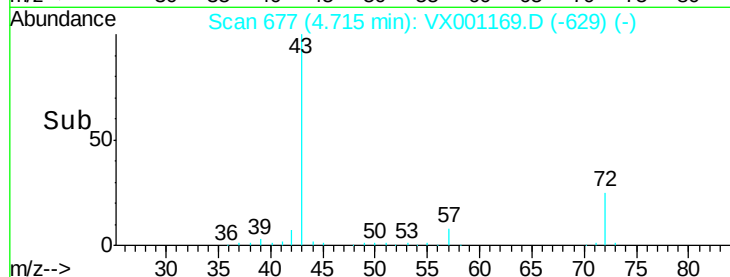
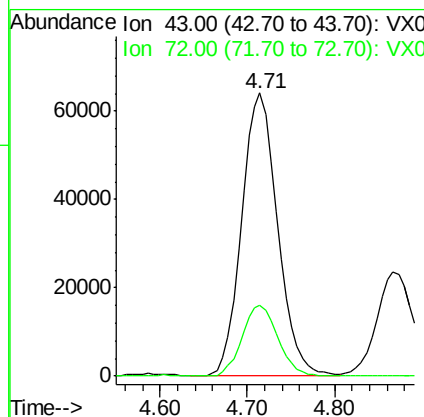
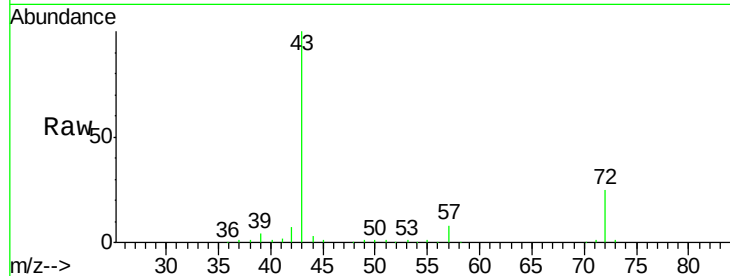
VX0427WBSD01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.41 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX001169.D

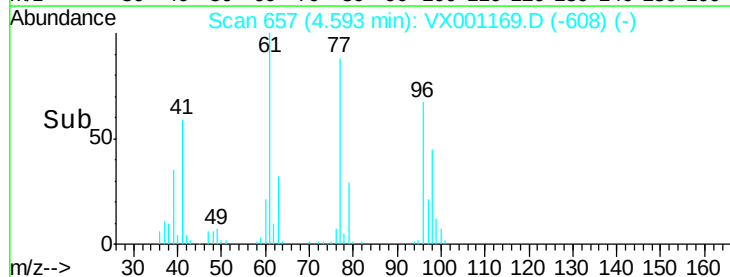
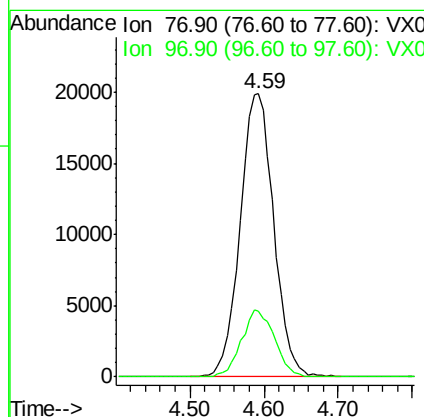
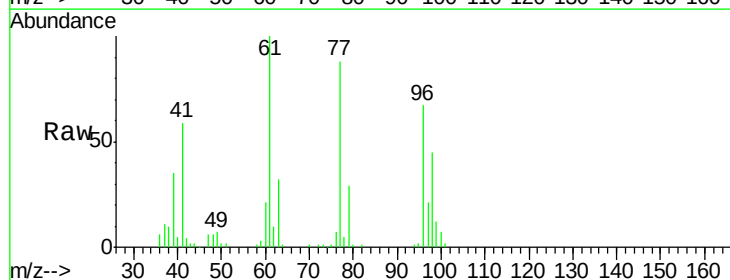
Acq: 27 Apr 2018 14:46

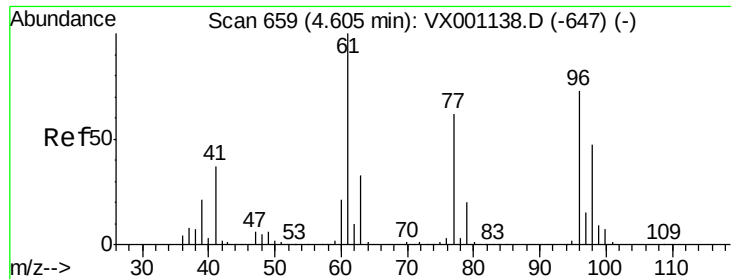
Tgt Ion: 77 Resp: 62819

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 18.75 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tot Ion:	96	Resp:	51265
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	289.0
98	65.5	0.0	128.2

Instrument :

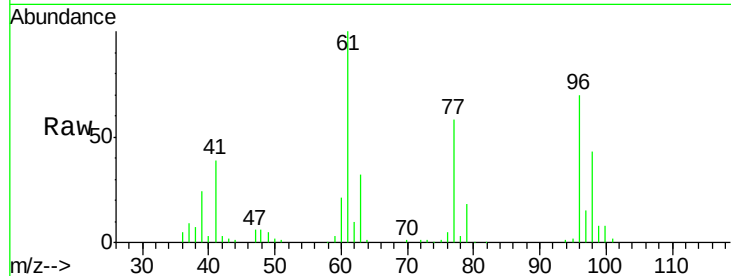
MSVOA_X

ClientSampleId :

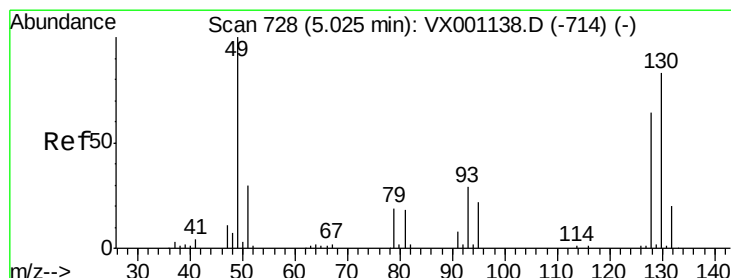
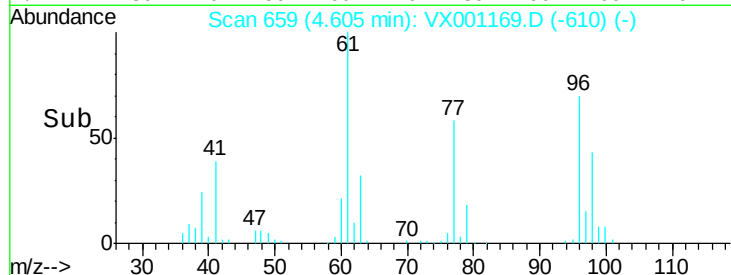
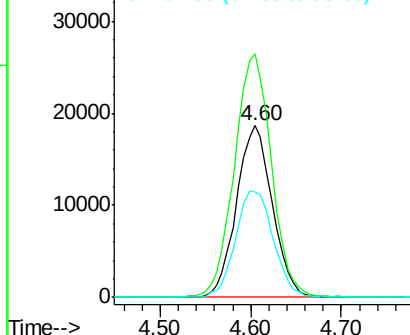
VX0427WBSD01

Manual Integrations
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Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 19.99 ug/l

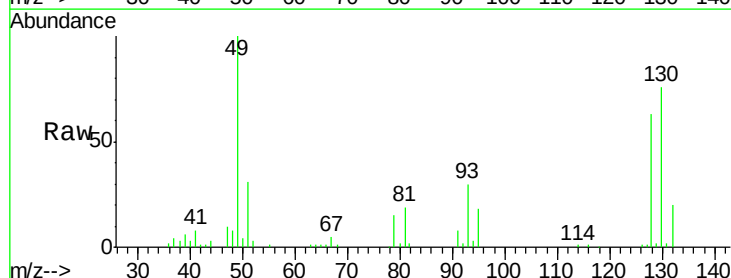
RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

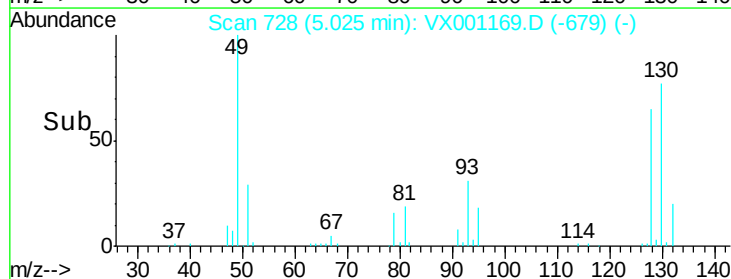
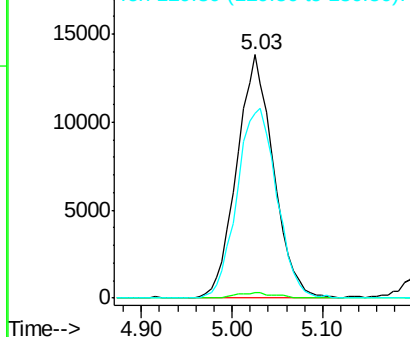
Lab File: VX001169.D

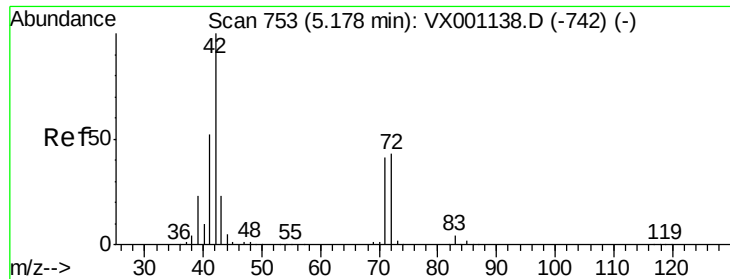
Acq: 27 Apr 2018 14:46

Tgt Ion:	49	Resp:	38855
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	84.2	68.2	102.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





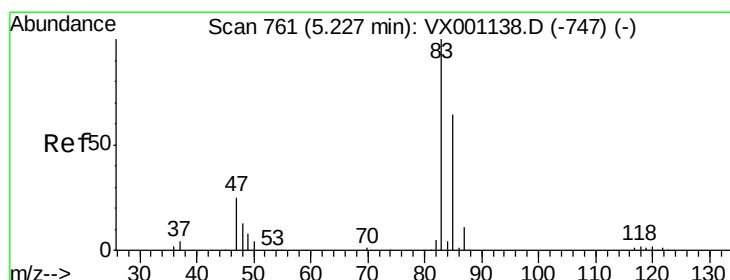
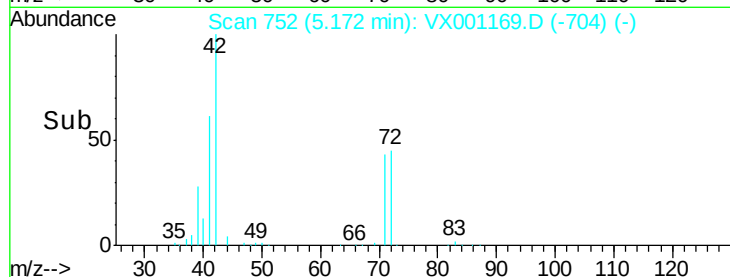
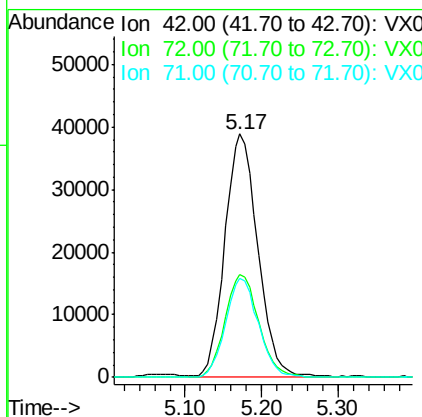
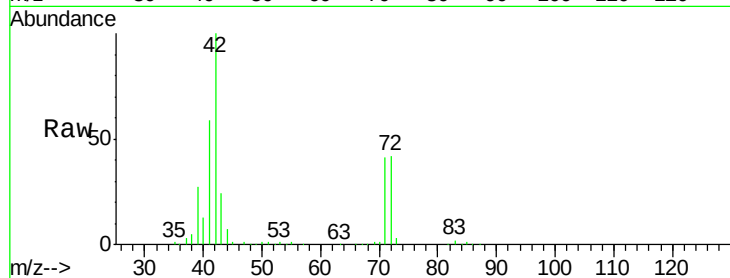
#29
Tetrahydrofuran
Concen: 84.06 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.5	34.4	51.6
71	40.6	32.1	48.1

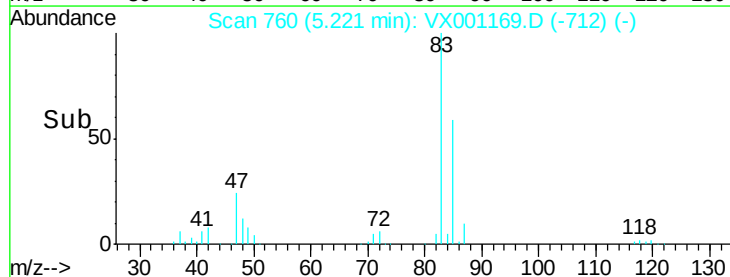
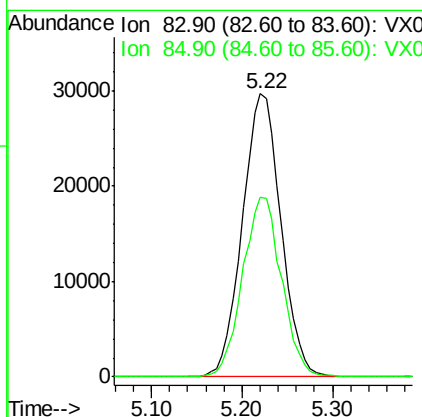
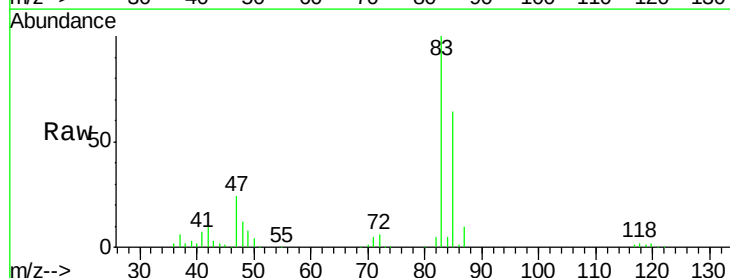
Manual Integrations
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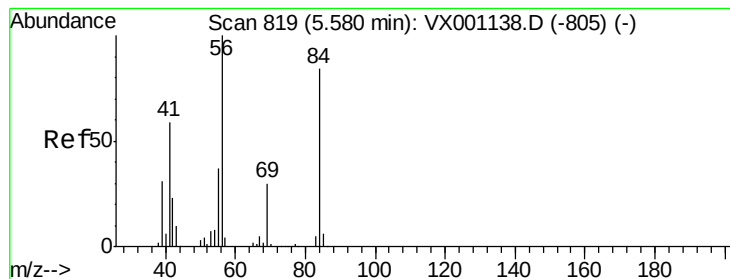
MMDadoda
4/30/2018 6:04:37 PM



#30
Chloroform
Concen: 18.97 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.4	77.0





#31

Cyclohexane

Concen: 19.62 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

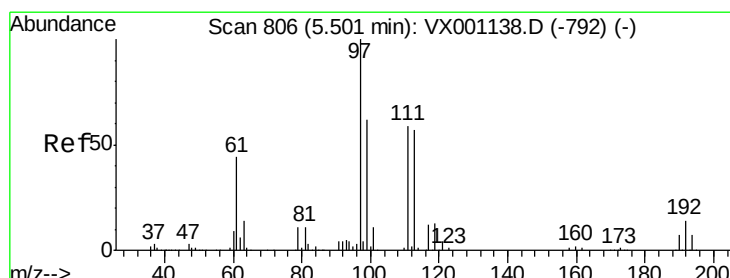
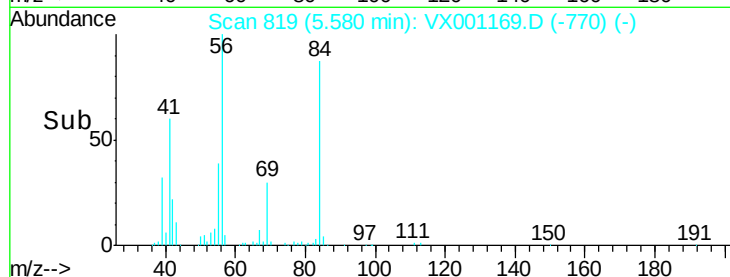
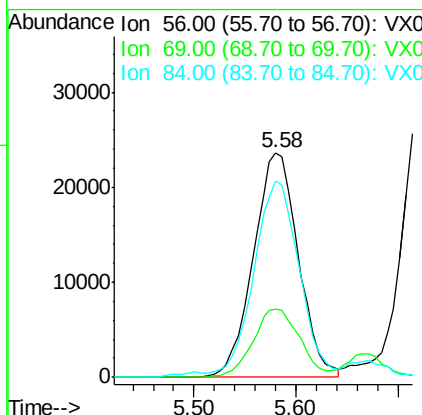
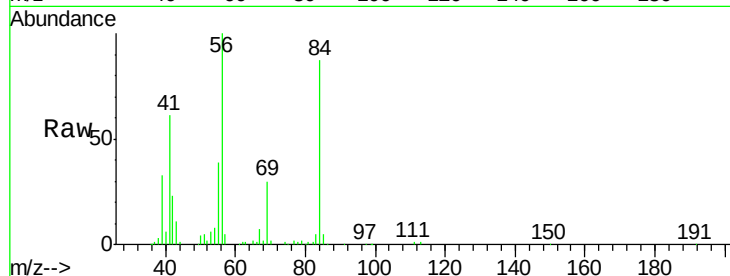
ClientSampleId :

VX0427WBSD01

Tot Ion:	56	Resp:	72248
Ion	Ratio	Lower	Upper
56	100		
69	30.3	24.2	36.2
84	85.4	67.5	101.3

Manual Integrations
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4/30/2018 6:04:37 PM



#32

1,1,1-Trichloroethane

Concen: 18.96 ug/l

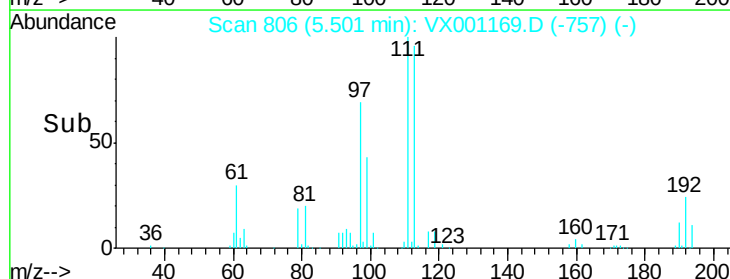
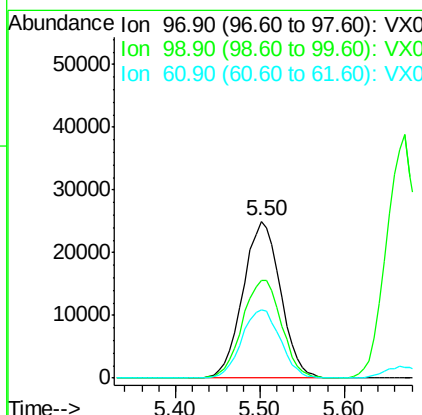
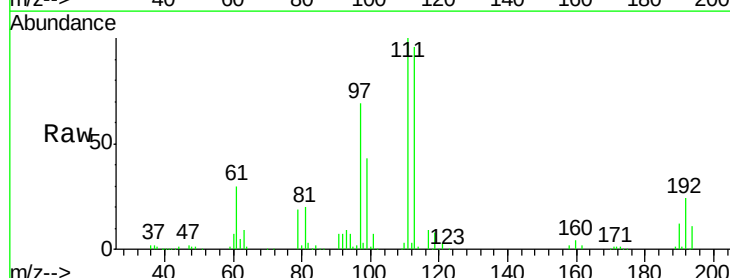
RT: 5.50 min Scan# 806

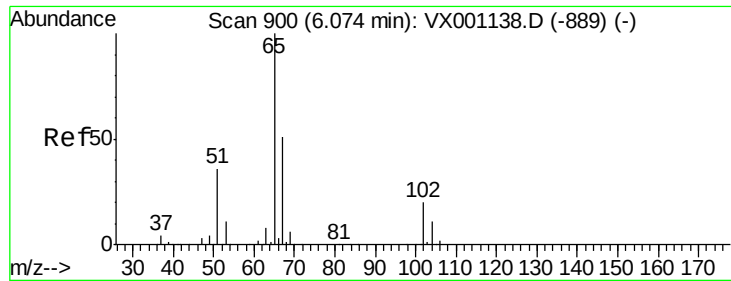
Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:	97	Resp:	75457
Ion	Ratio	Lower	Upper
97	100		
99	65.3	50.9	76.3
61	45.0	35.0	52.6





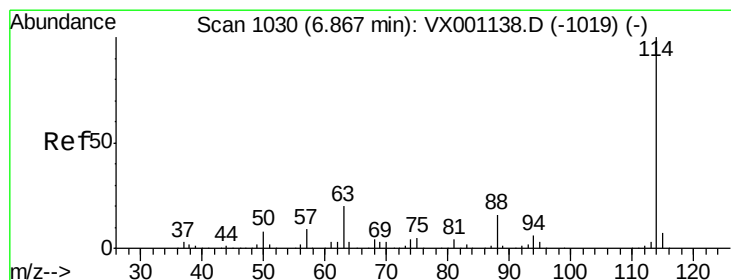
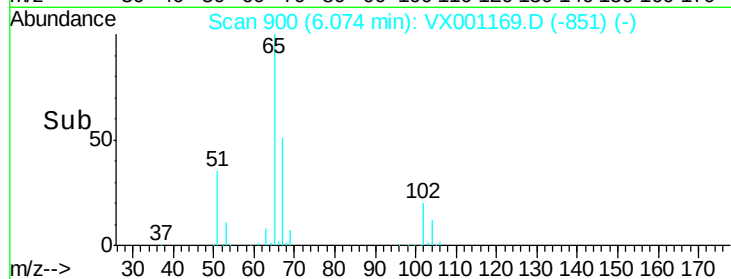
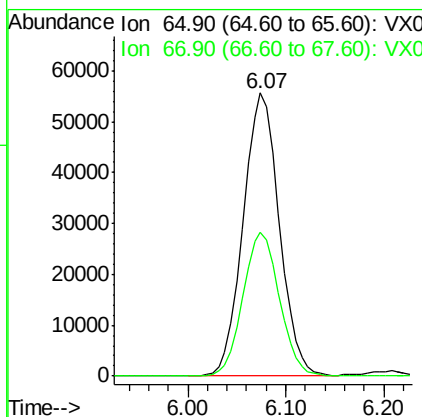
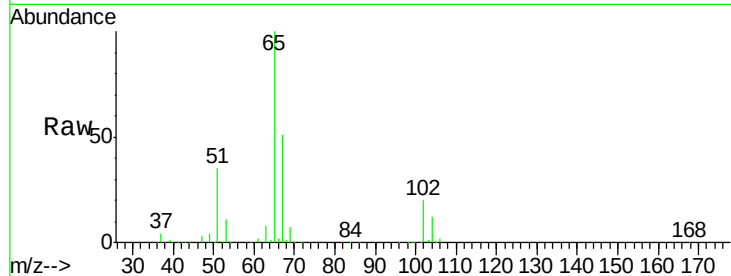
#33
 1,2-Dichloroethane-d4
 Concen: 41.21 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.2

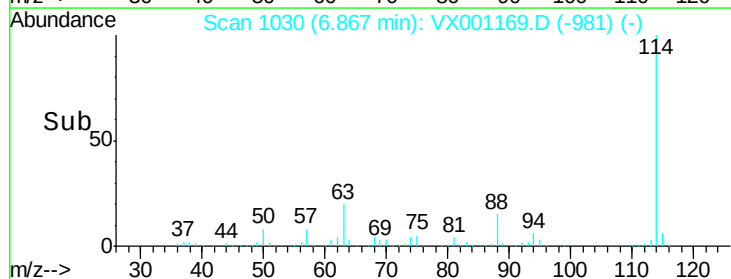
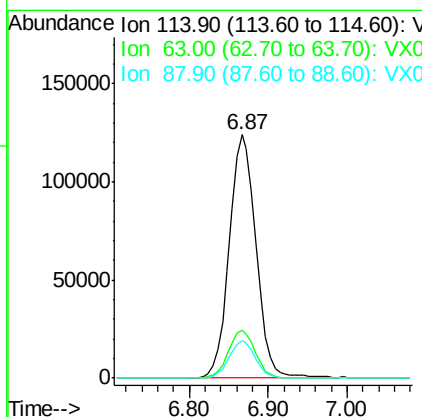
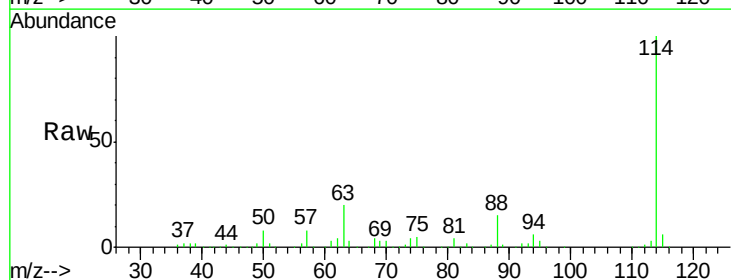
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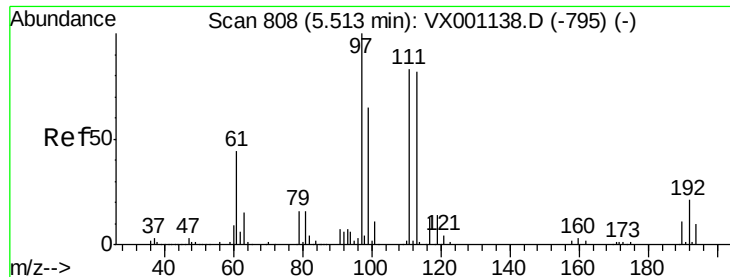
MMDadoda
 4/30/2018 6:04:37 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.4
88	15.2	0.0	31.8





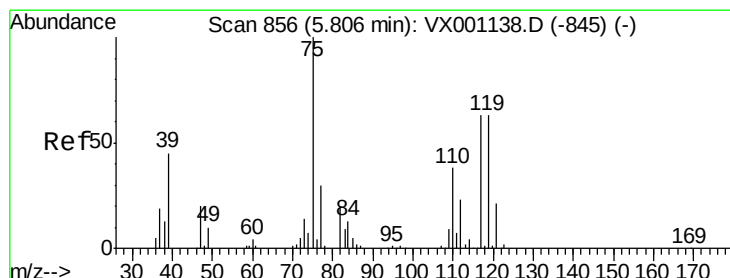
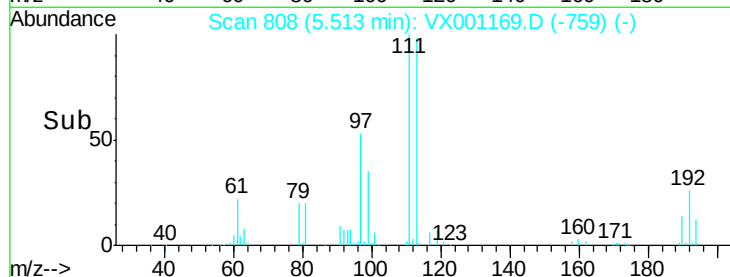
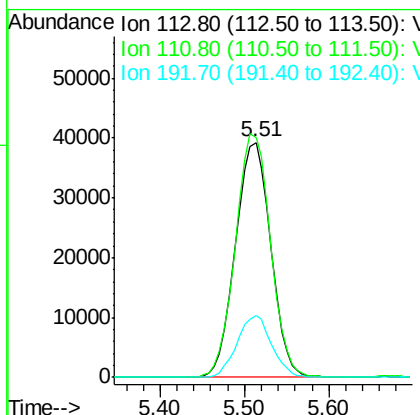
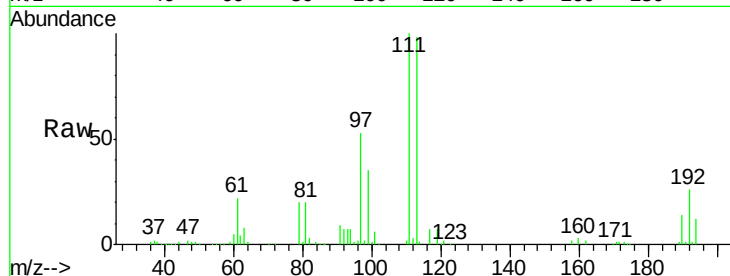
#35
 Dibromofluoromethane
 Concen: 45.99 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	111481		
111	103.2	82.2	123.4	
192	25.7	20.6	30.8	

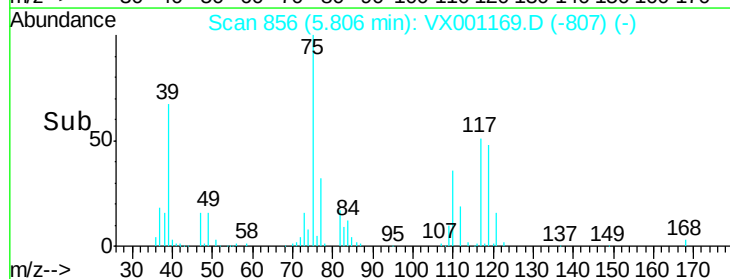
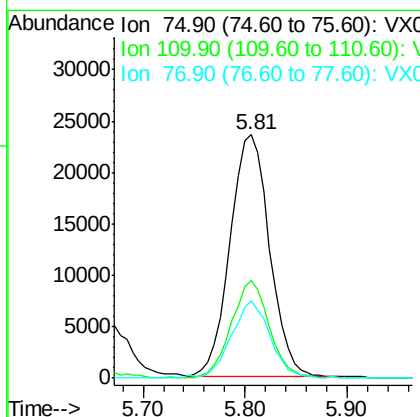
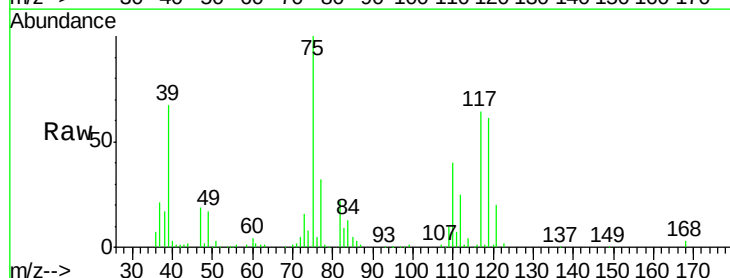
Manual Integrations
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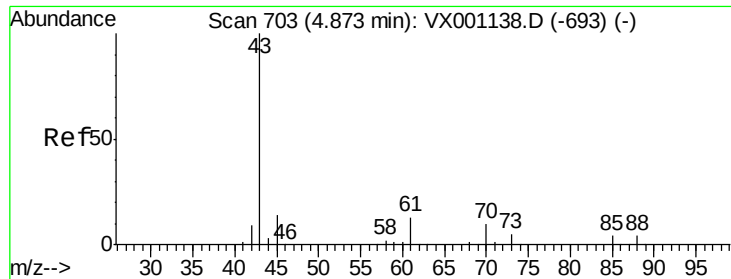
MMDadoda
 4/30/2018 6:04:37 PM



#36
 1,1-Dichloropropene
 Concen: 19.69 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	63527		
110	38.8	19.0	57.0	
77	31.6	24.8	37.2	





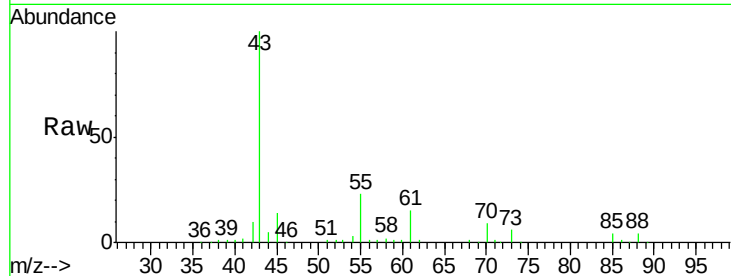
#37
Ethyl Acetate
Concen: 18.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.6
70	9.7	8.2	12.2

Manual Integrations
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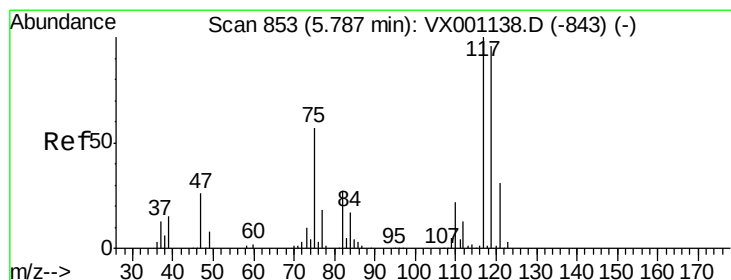
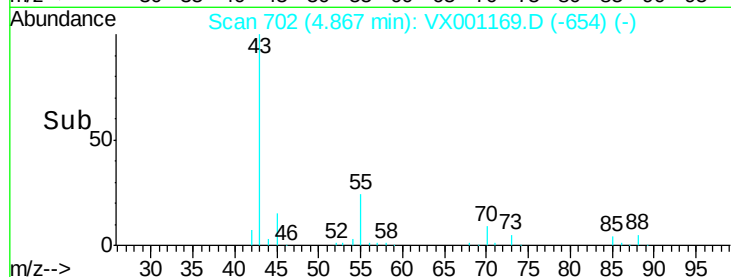
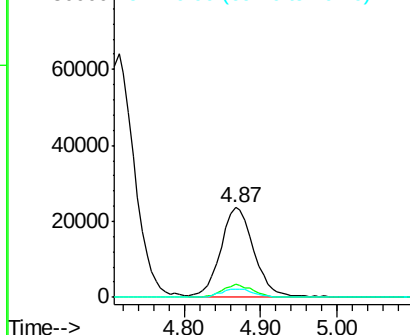
MMDadoda
4/30/2018 6:04:37 PM



Abundance Ion 43.00 (42.70 to 43.70): VX001138.D (-693) (-)

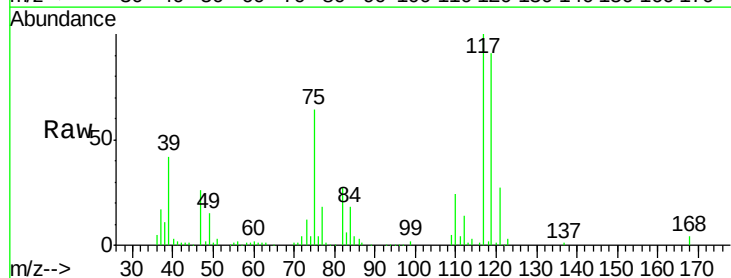
Ion 60.90 (60.60 to 61.60): VX001138.D (-693) (-)

Ion 70.00 (69.70 to 70.70): VX001138.D (-693) (-)



#38
Carbon Tetrachloride
Concen: 20.14 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

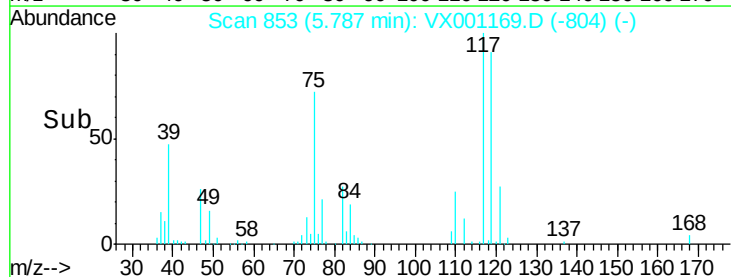
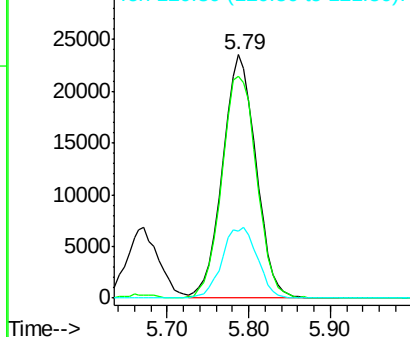
Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.2	76.5	114.7
121	27.4	24.6	37.0

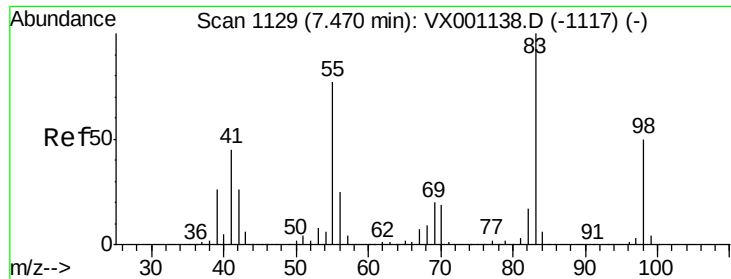


Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX001138.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX001138.D (-843) (-)





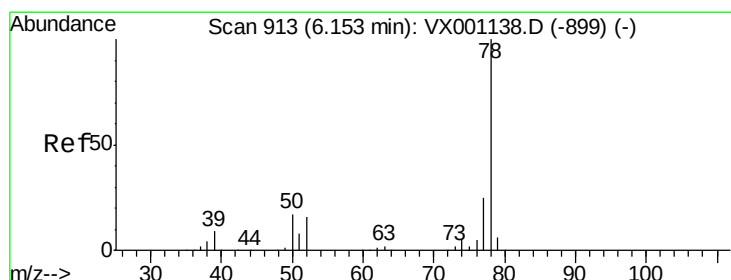
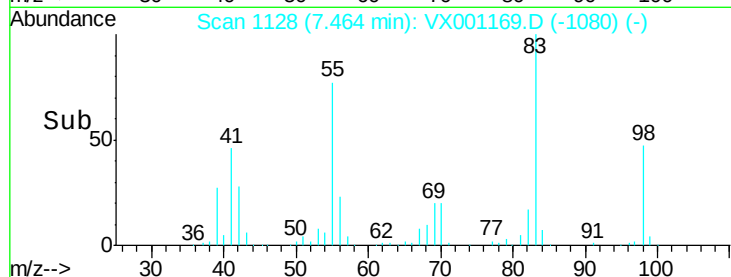
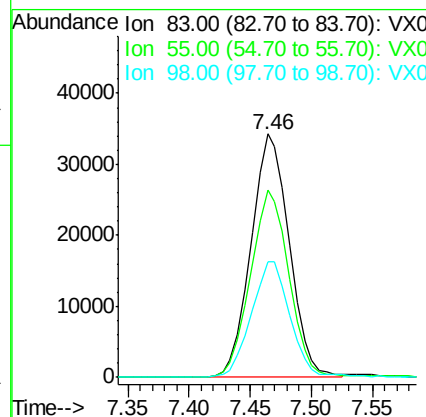
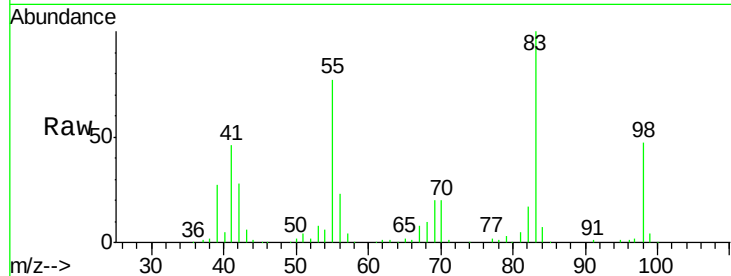
#39
Methylvlcyclohexane
Concen: 20.87 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	61.8	92.6
98	47.3	40.0	60.0

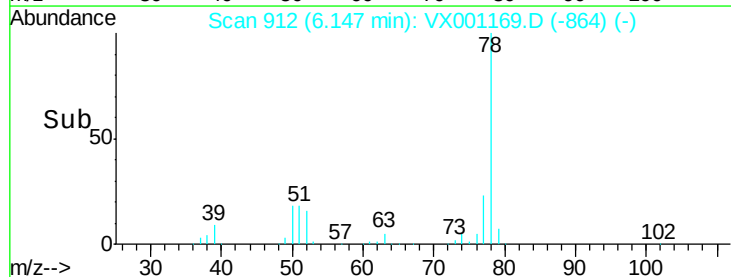
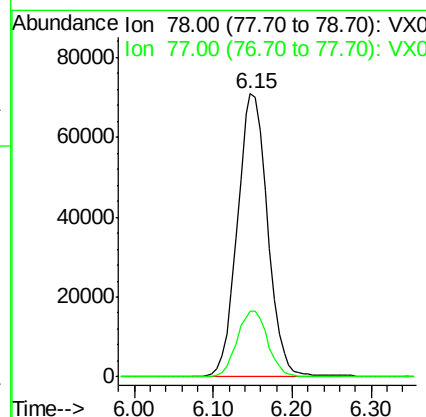
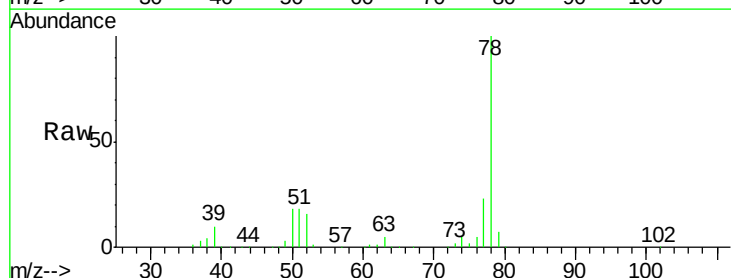
Manual Integrations
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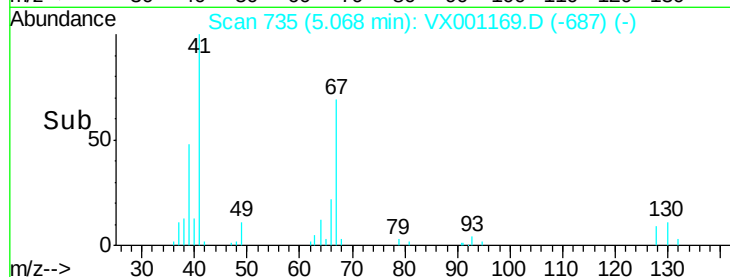
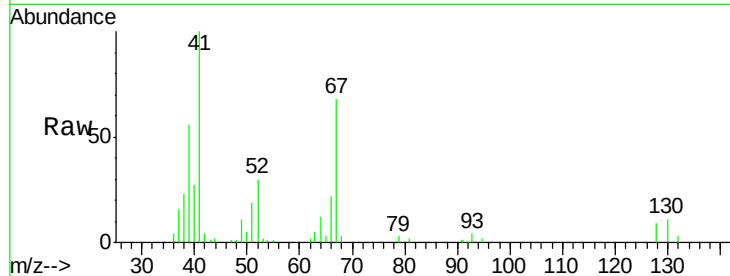
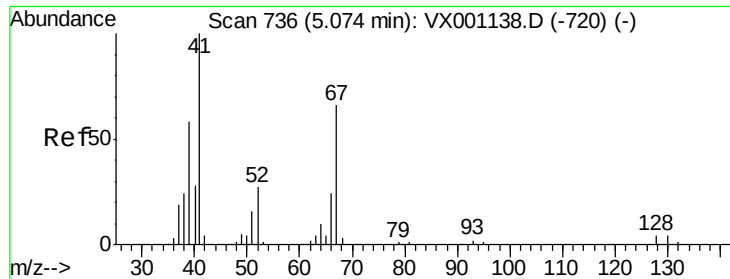
MMDadoda
4/30/2018 6:04:37 PM



#40
Benzene
Concen: 20.30 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.7	29.5





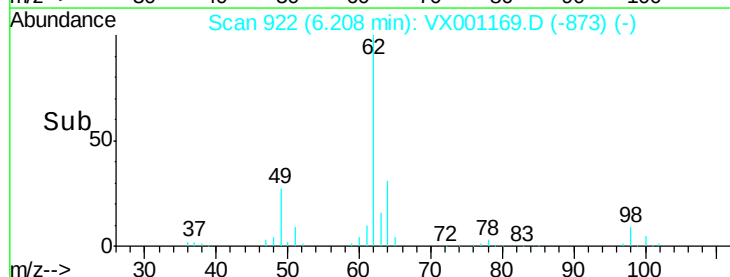
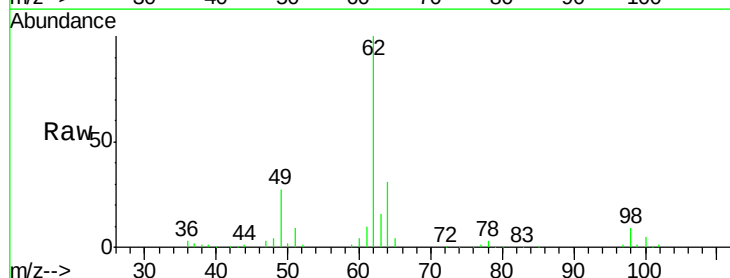
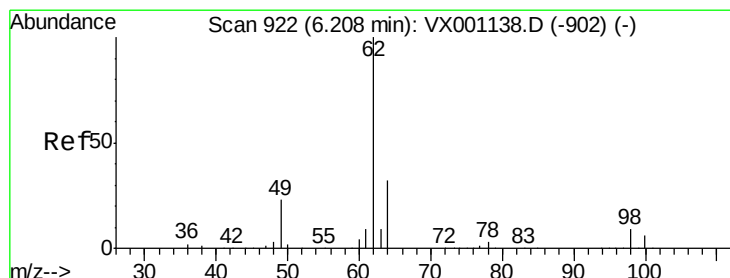
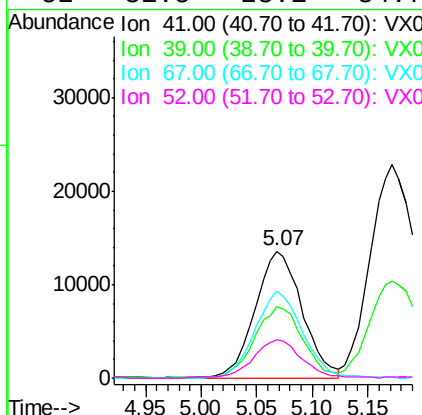
#41
Methacrylonitrile
Concen: 18.19 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	57.4	45.9	68.9		
67	70.3	53.2	79.8		
52	31.5	23.1	34.7		

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

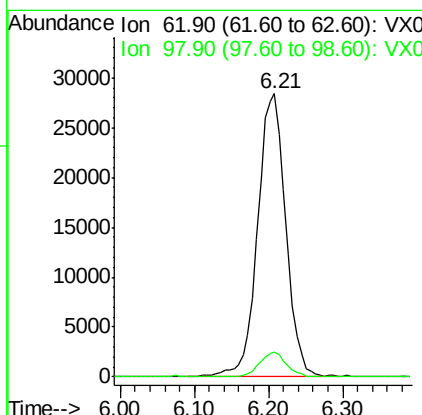
Manual Integrations
APPROVED

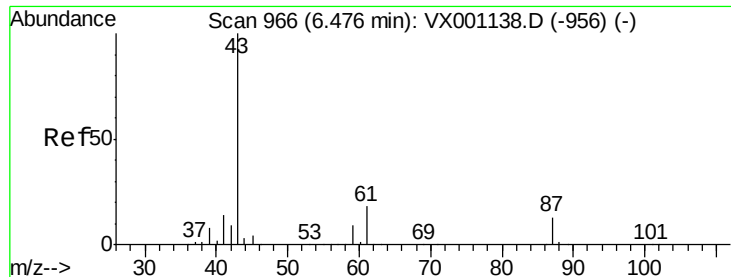
MMDadoda
4/30/2018 6:04:37 PM



#42
1,2-Dichloroethane
Concen: 20.03 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.3	0.0	17.0		





#43

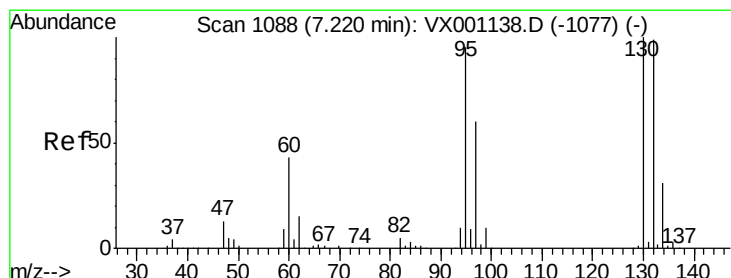
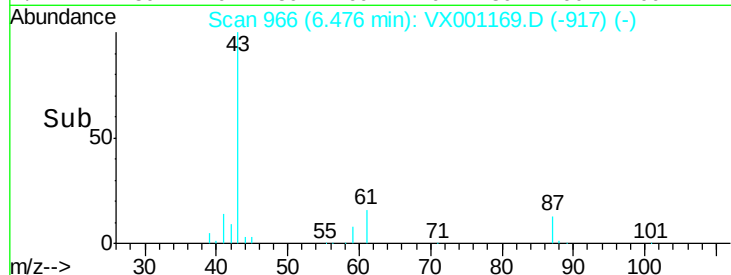
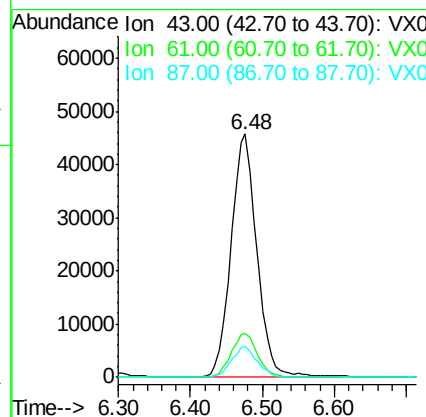
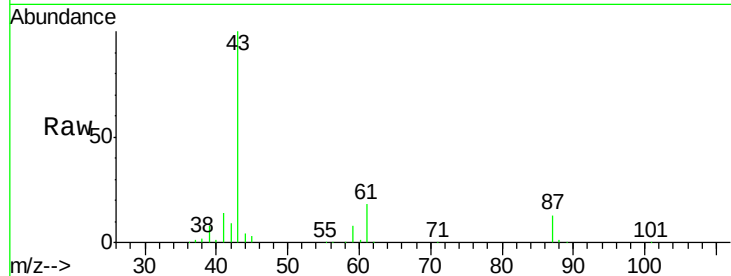
Isopropyl Acetate
 Concen: 18.69 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.0	22.6
87	12.6	10.3	15.5

Manual Integrations
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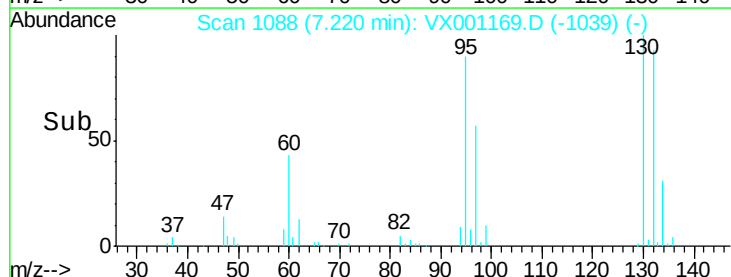
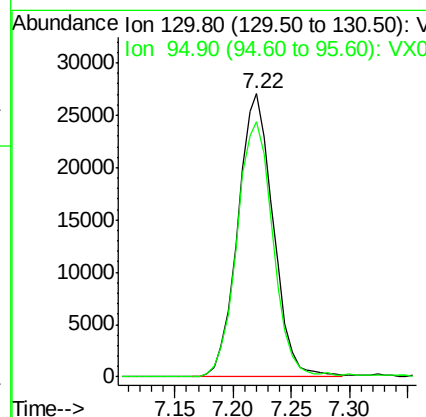
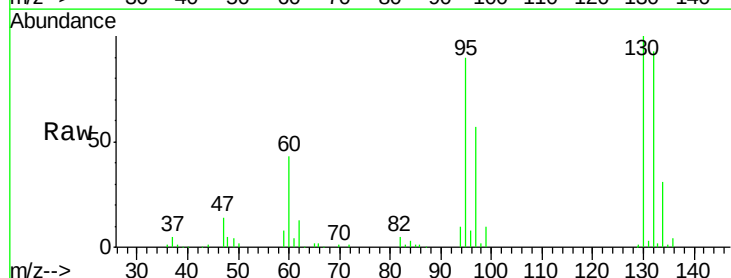
MMDadoda
 4/30/2018 6:04:37 PM

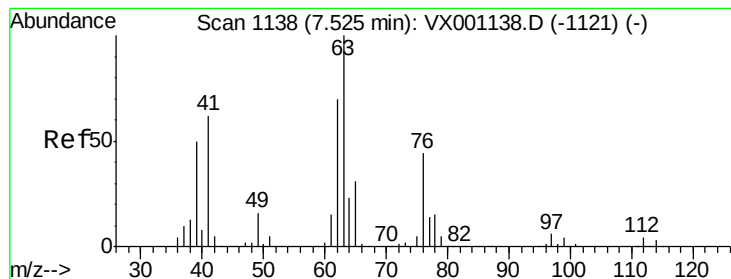


#44

Trichloroethene
 Concen: 20.56 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.3	0.0	189.6





#45

1,2-Dichloropropane

Concen: 20.03 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 63 Resp: 49174

Ion Ratio Lower Upper

63 100

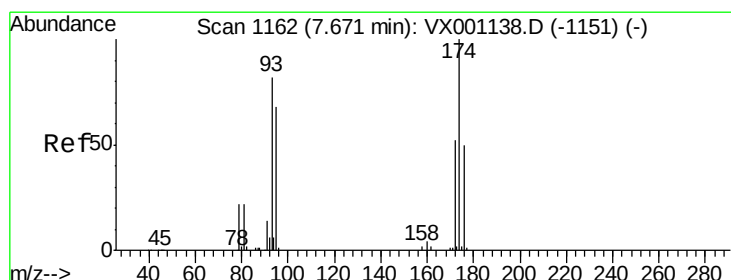
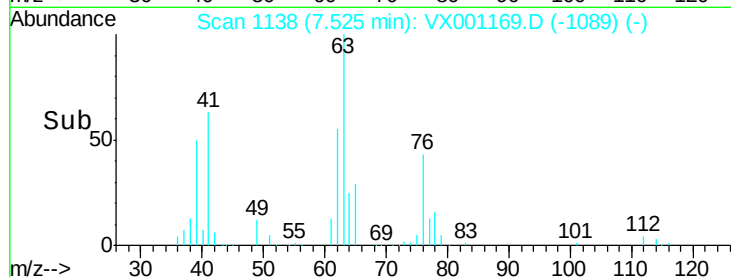
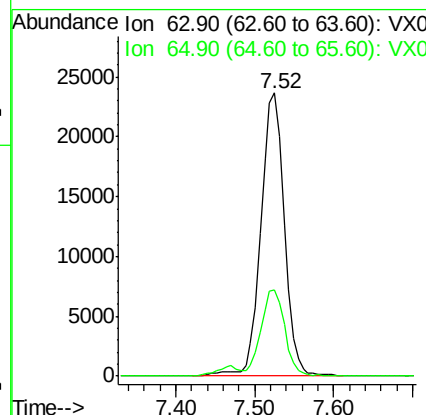
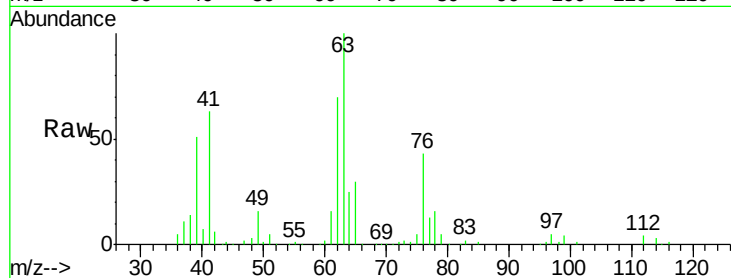
65 30.4 24.9 37.3

Manual Integrations

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4/30/2018 6:04:37 PM



#46

Dibromomethane

Concen: 20.56 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

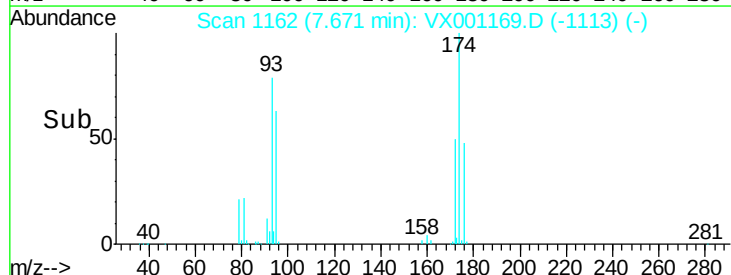
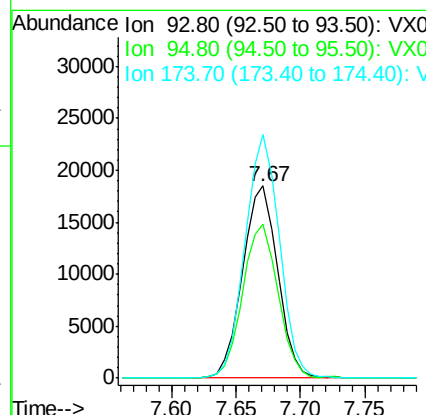
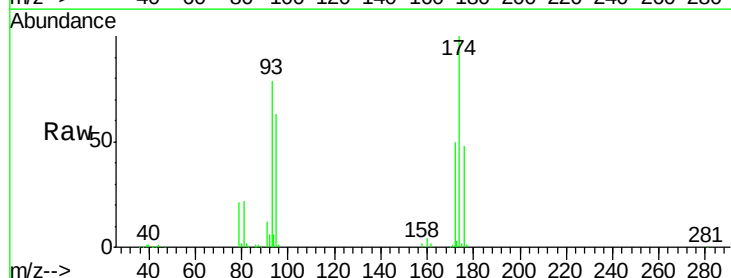
Tgt Ion: 93 Resp: 34963

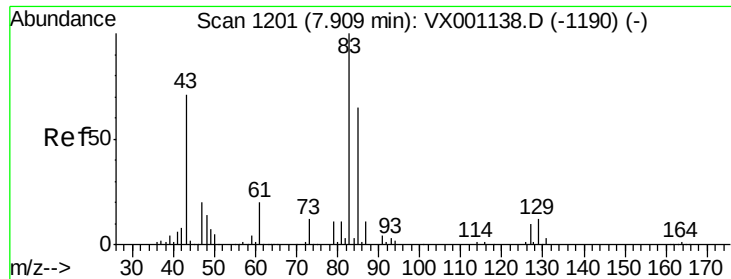
Ion Ratio Lower Upper

93 100

95 80.8 66.4 99.6

174 123.7 99.6 149.4





#47

Bromodichloromethane

Concen: 19.72 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

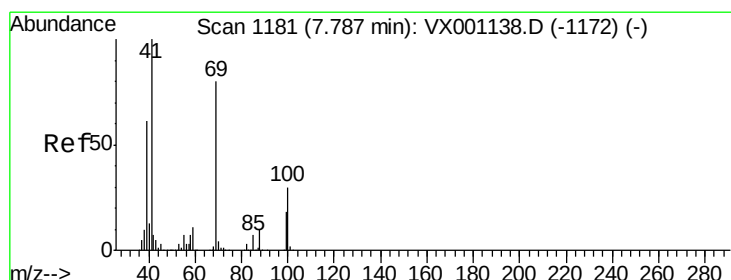
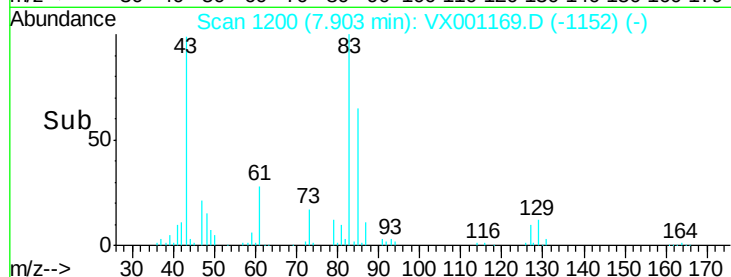
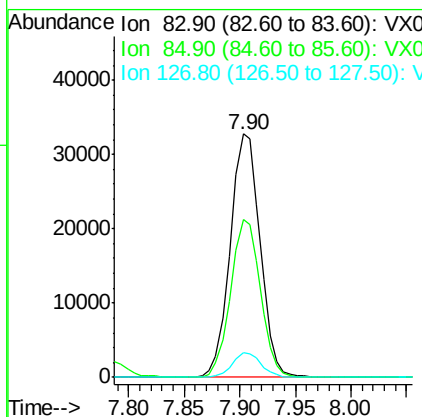
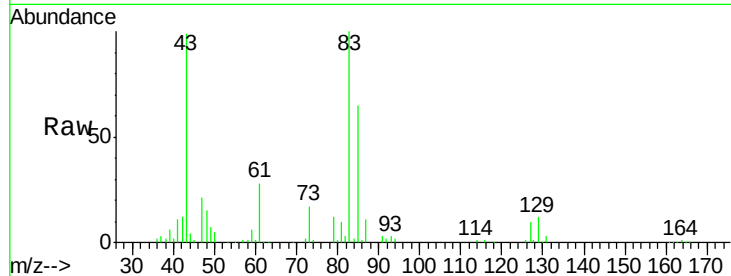
ClientSampleId :

VX0427WBSD01

Tot Ion:	83	Resp:	60918
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.9	77.9
127	10.3	7.7	11.5

Manual Integrations
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4/30/2018 6:04:37 PM



#48

Methyl methacrylate

Concen: 18.73 ug/l

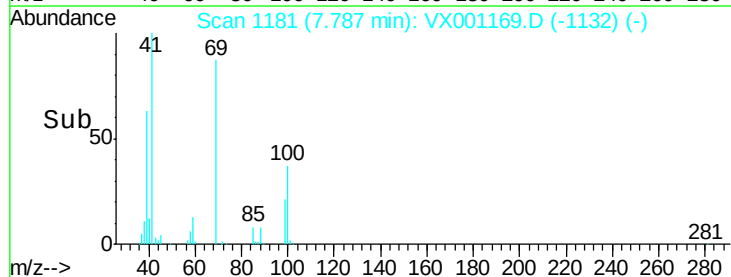
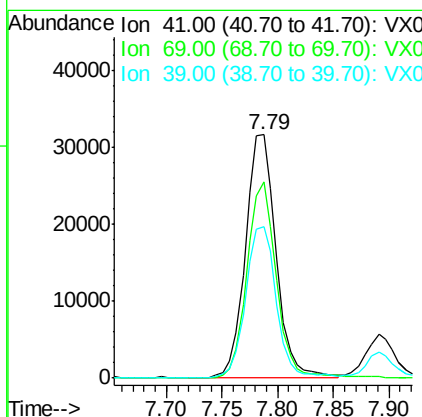
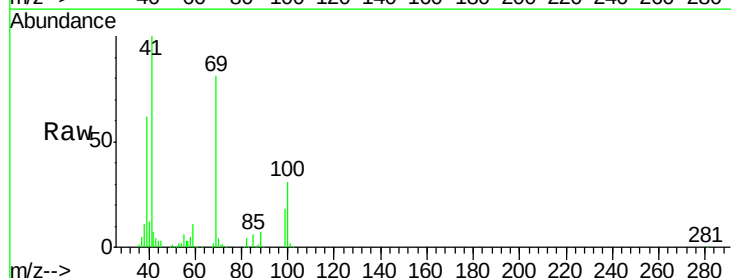
RT: 7.79 min Scan# 1181

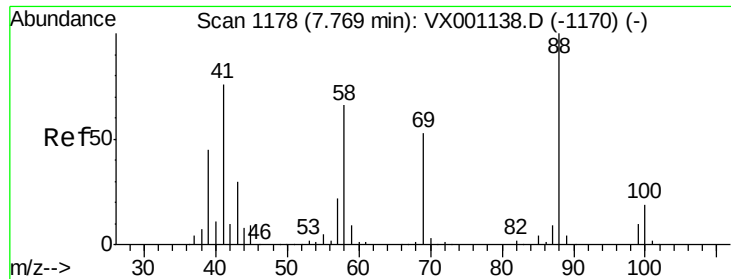
Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:	41	Resp:	60409
Ion Ratio	Lower	Upper	
41	100		
69	78.3	62.4	93.6
39	62.1	48.7	73.1





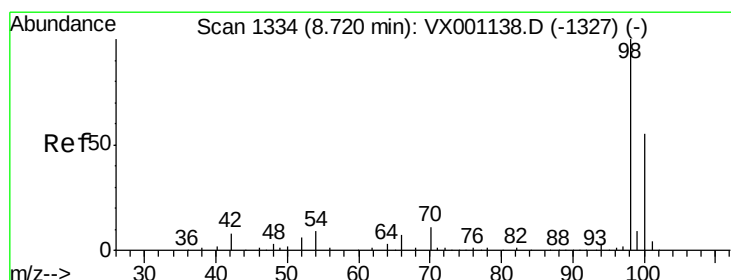
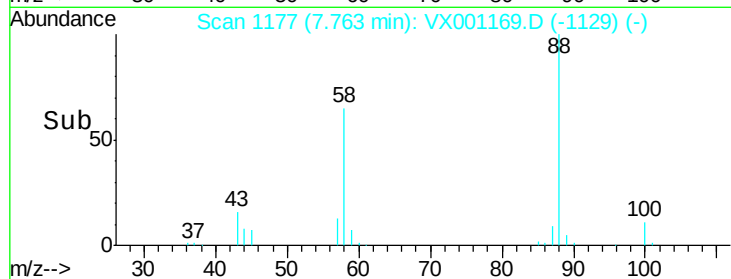
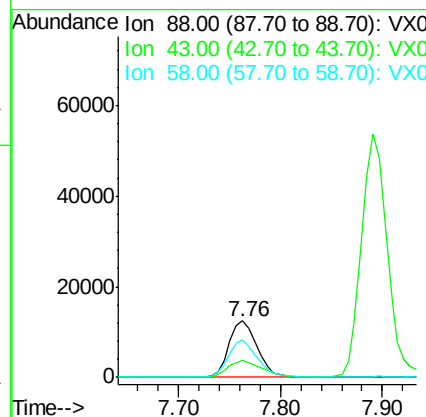
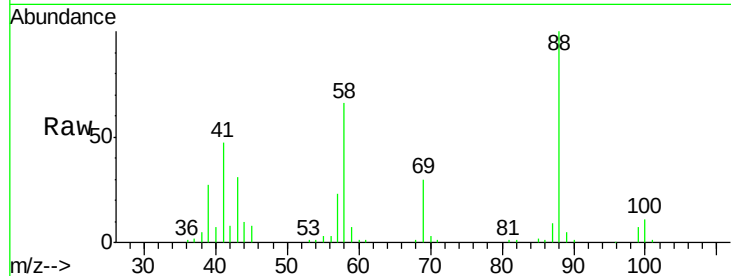
#49
1,4-Dioxane
Concen: 369.66 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.9	27.3	40.9
58	68.4	54.2	81.4

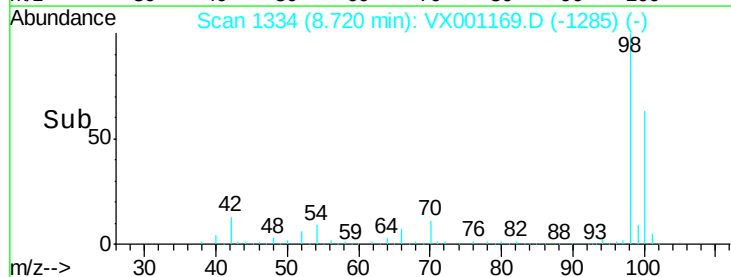
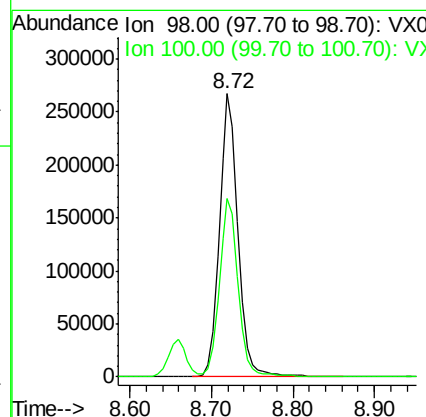
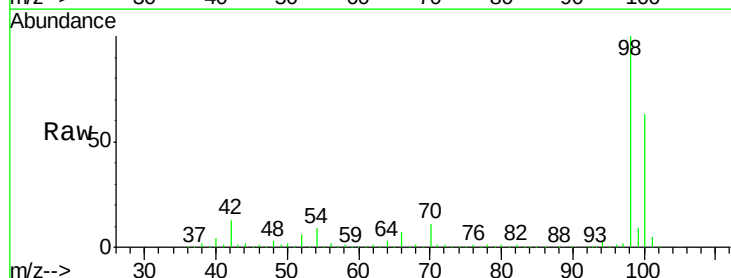
Manual Integrations
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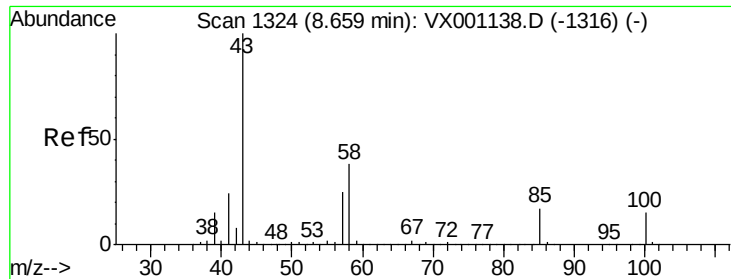
MMDadoda
4/30/2018 6:04:37 PM



#50
Toluene-d8
Concen: 46.64 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.8	77.6





#51

4-Methyl-2-Pentanone

Concen: 95.06 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 43 Resp: 378972

Ion Ratio Lower Upper

43 100

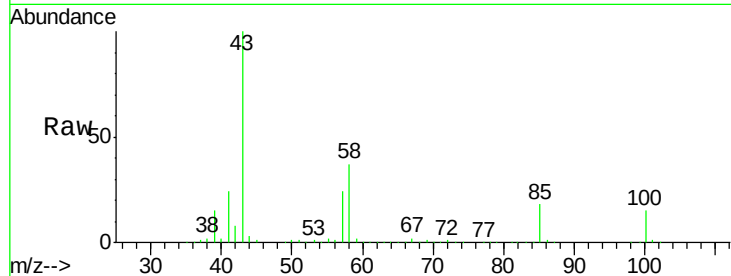
58 36.0 30.2 45.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

250000

200000

150000

100000

50000

0

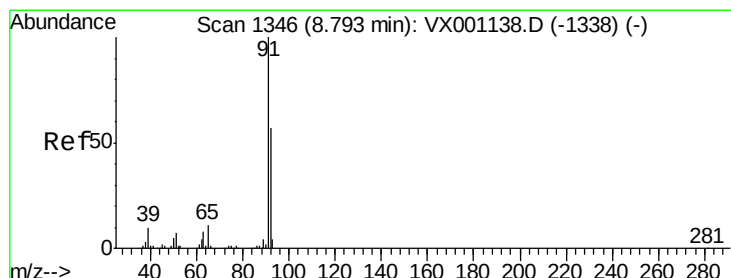
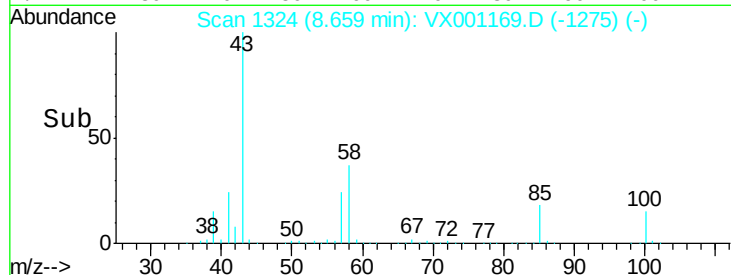
8.60

8.66

8.70

8.80

Time-->



#52

Toluene

Concen: 20.53 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001169.D

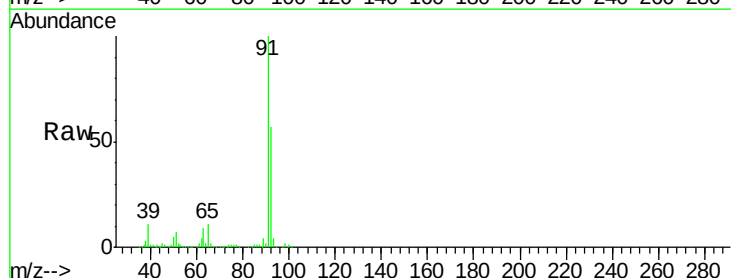
Acq: 27 Apr 2018 14:46

Tgt Ion: 92 Resp: 125351

Ion Ratio Lower Upper

92 100

91 175.5 139.8 209.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

150000

100000

50000

0

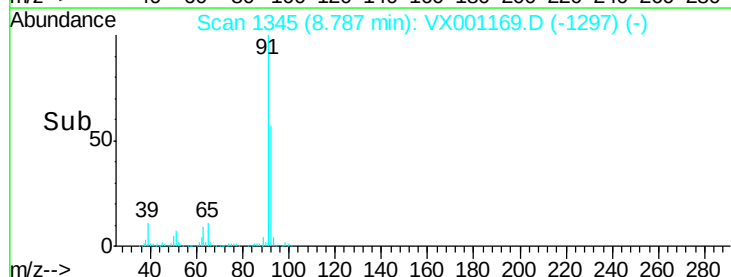
8.70

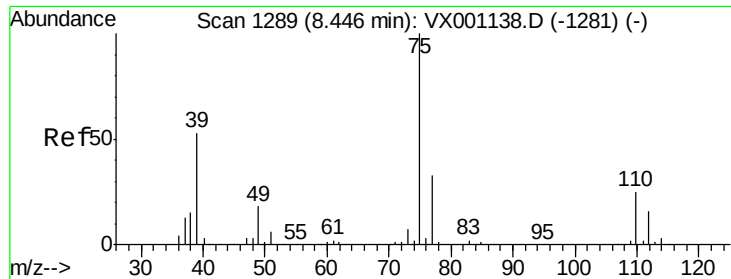
8.79

8.90

9.00

Time-->





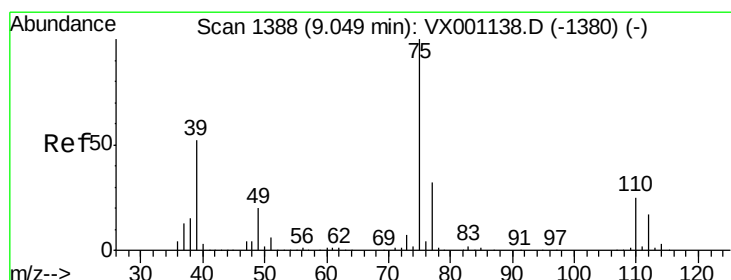
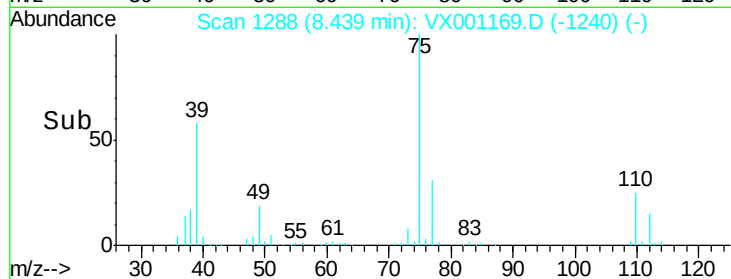
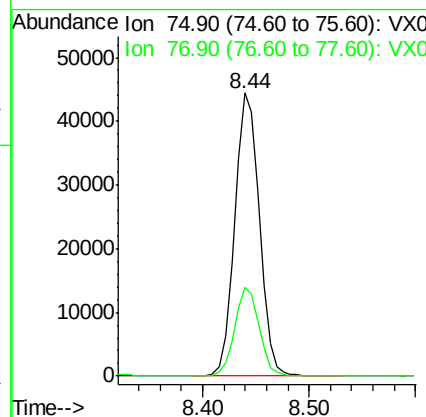
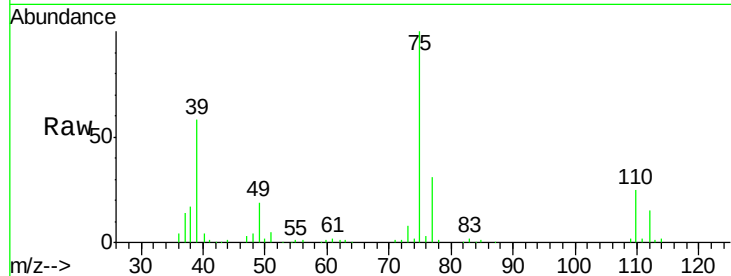
#53
 t-1,3-Dichloropropene
 Concen: 20.17 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion: 75 Resp: 72433
 Ion Ratio Lower Upper
 75 100
 77 31.3 26.2 39.4

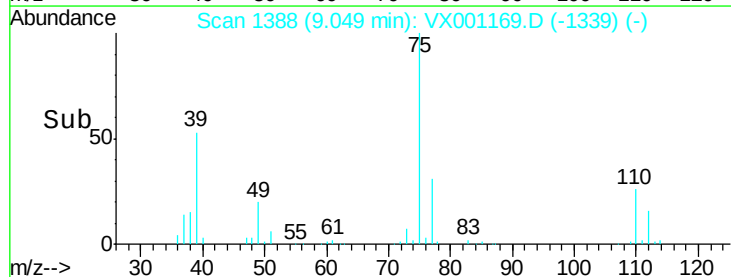
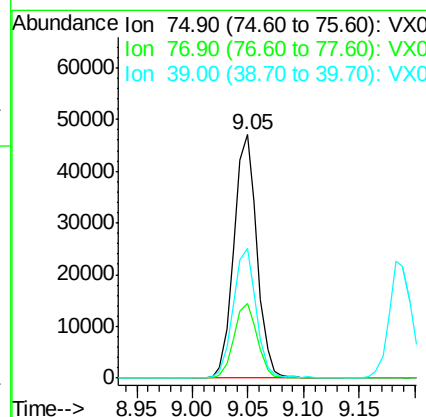
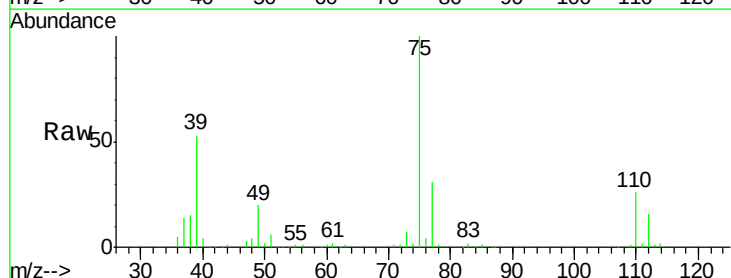
Manual Integrations
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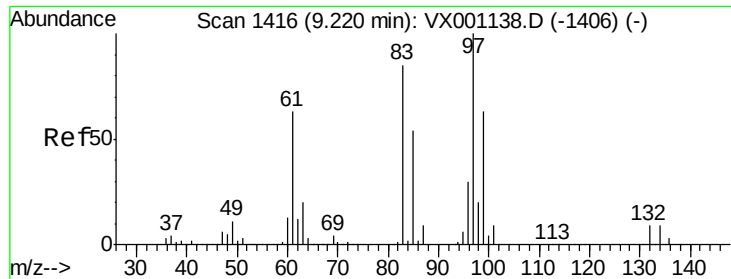
MMDadoda
 4/30/2018 6:04:37 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.32 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion: 75 Resp: 67175
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.2
 39 53.1 42.0 63.0





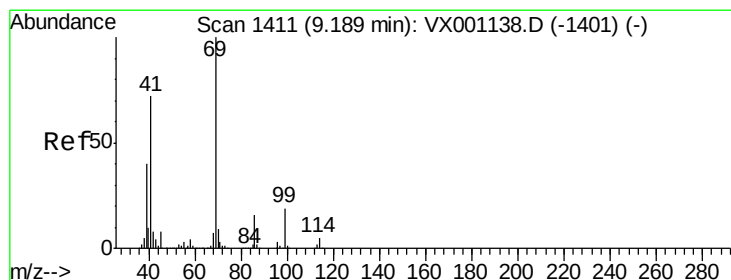
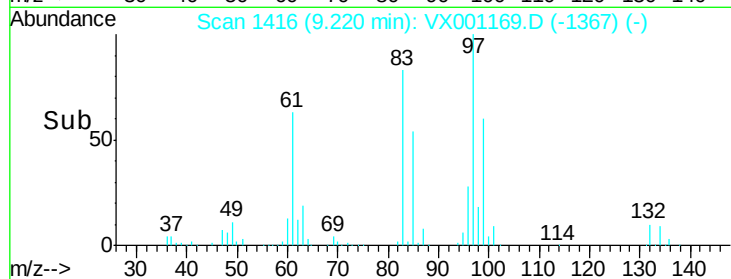
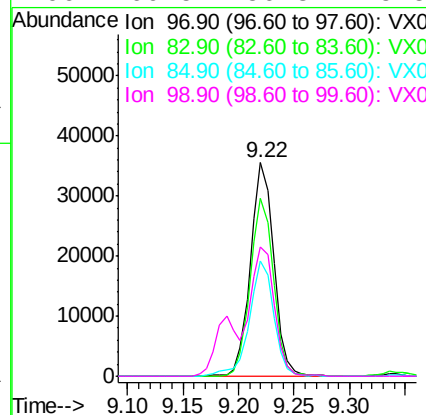
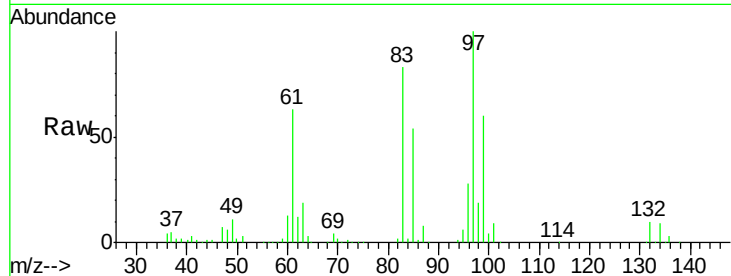
#55
 1,1,2-Trichloroethane
 Concen: 20.12 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion:	97	Resp:	51962
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.0	102.0
85	54.2	42.9	64.3
99	60.5	50.3	75.5

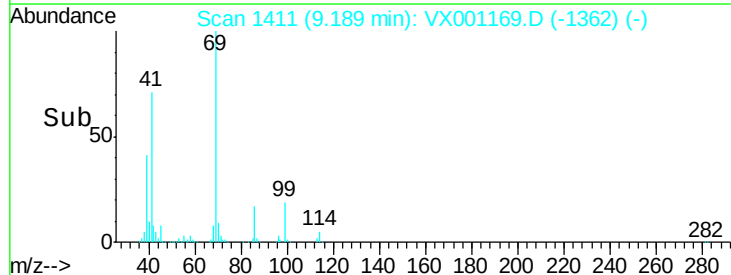
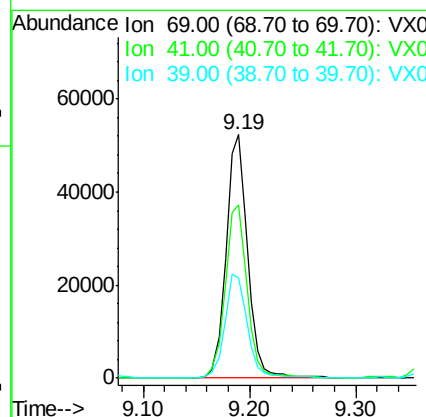
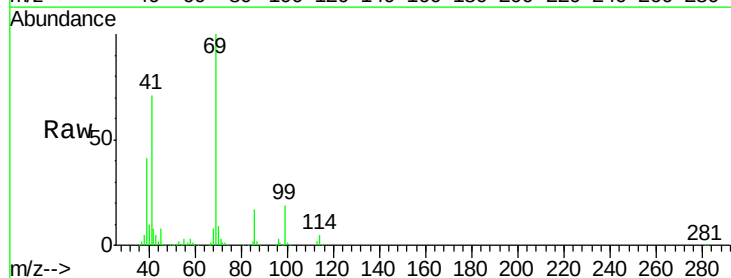
Manual Integrations
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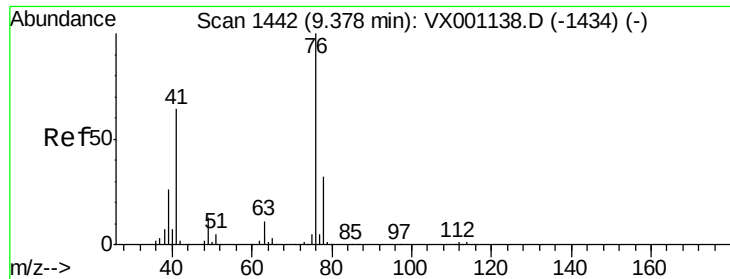
MMDadoda
 4/30/2018 6:04:37 PM



#56
 Ethyl methacrylate
 Concen: 19.34 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion:	69	Resp:	74018
Ion	Ratio	Lower	Upper
69	100		
41	72.2	57.7	86.5
39	44.0	33.3	49.9





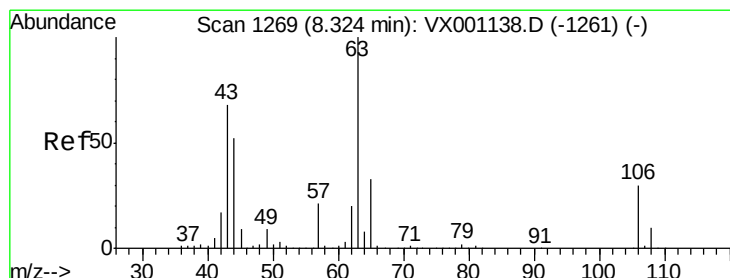
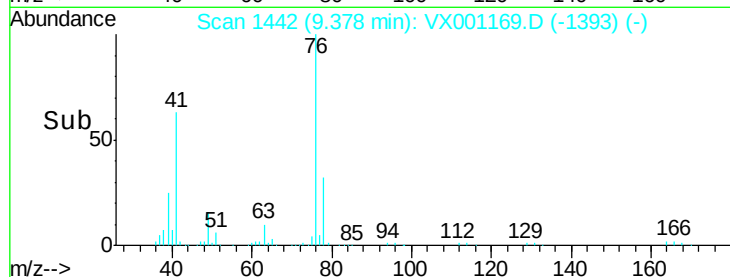
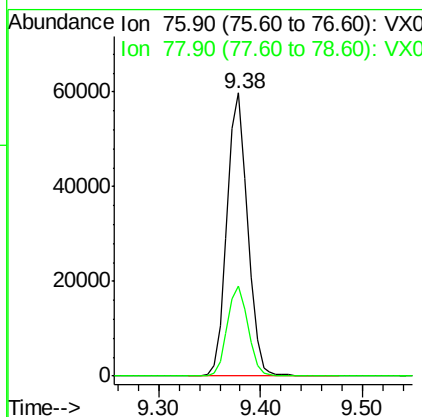
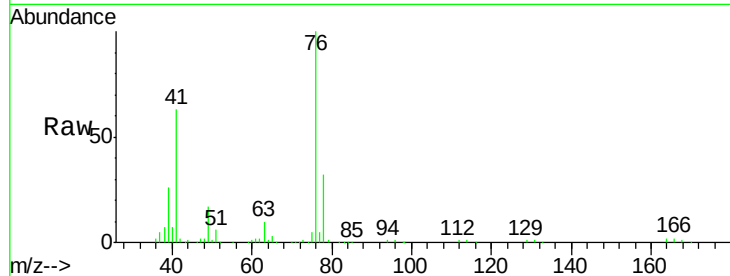
#57
 1,3-Dichloropropane
 Concen: 20.05 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.1	39.1

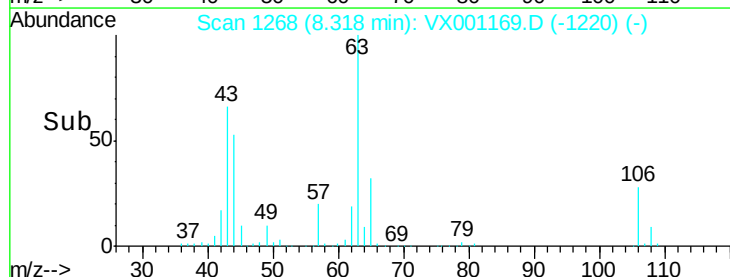
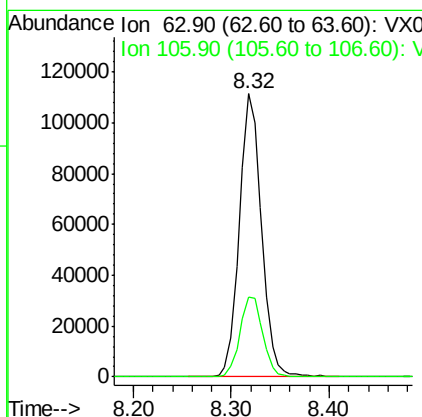
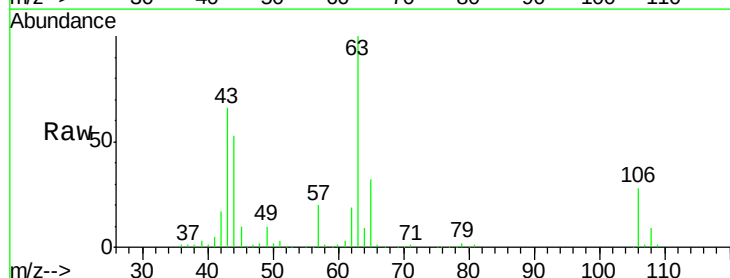
Manual Integrations
 APPROVED

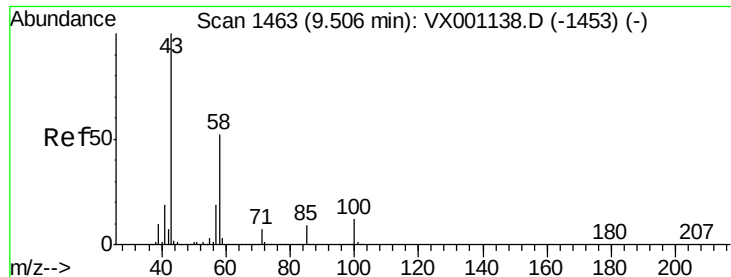
MMDadoda
 4/30/2018 6:04:37 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 96.49 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.7	35.5





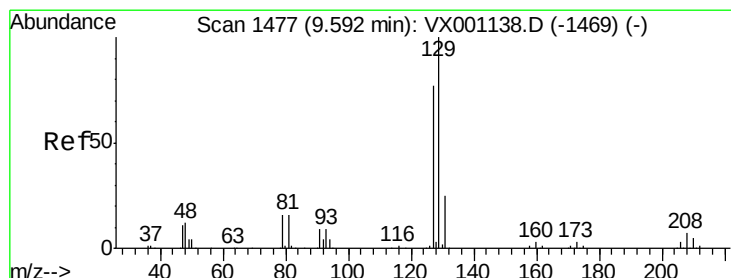
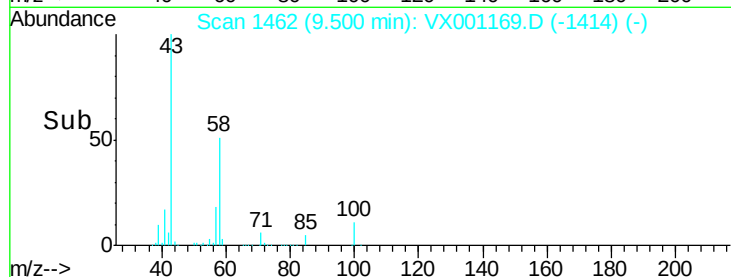
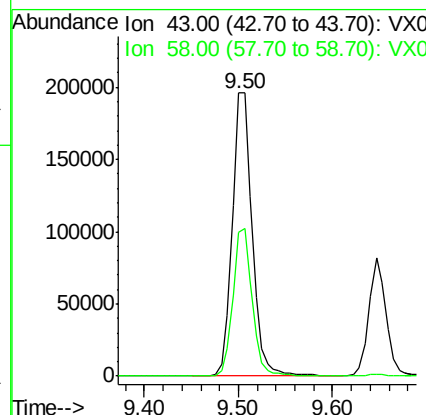
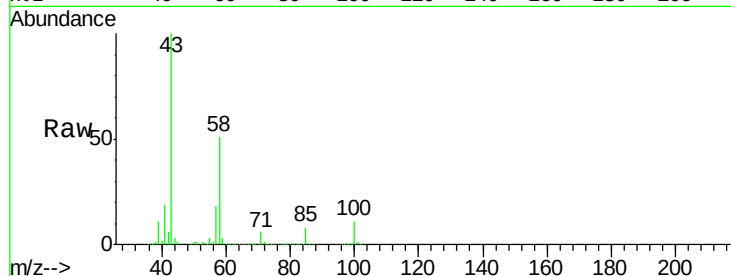
#59
2-Hexanone
Concen: 92.01 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion: 43 Resp: 287415
Ion Ratio Lower Upper
43 100
58 50.7 25.8 77.4

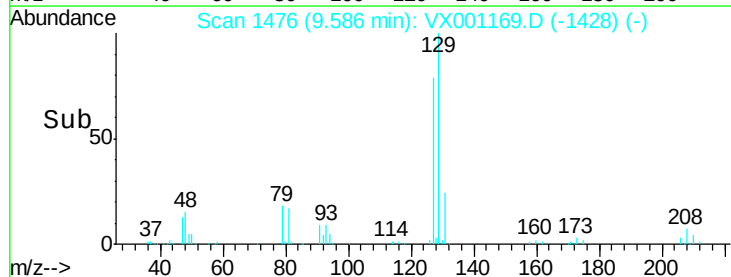
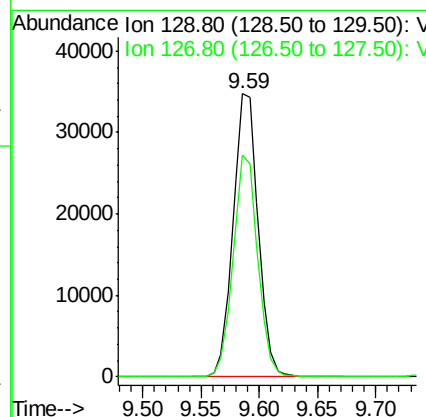
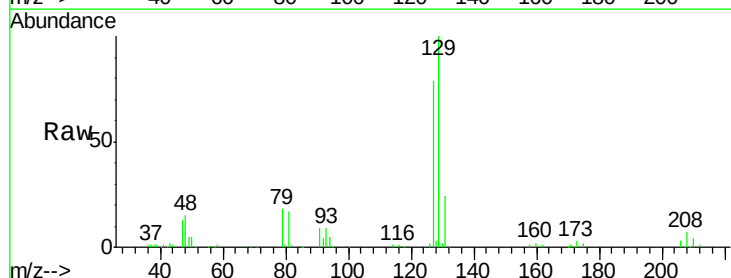
Manual Integrations
APPROVED

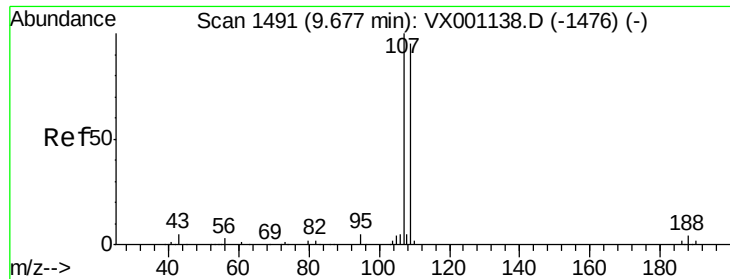
MMDadoda
4/30/2018 6:04:37 PM



#60
Dibromochloromethane
Concen: 19.45 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 129 Resp: 52073
Ion Ratio Lower Upper
129 100
127 76.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 20.15 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion:107 Resp: 54521

Ion Ratio Lower Upper

107 100

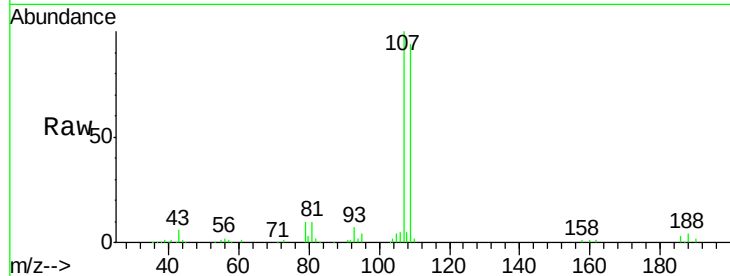
109 95.2 75.2 112.8

Manual Integrations

APPROVED

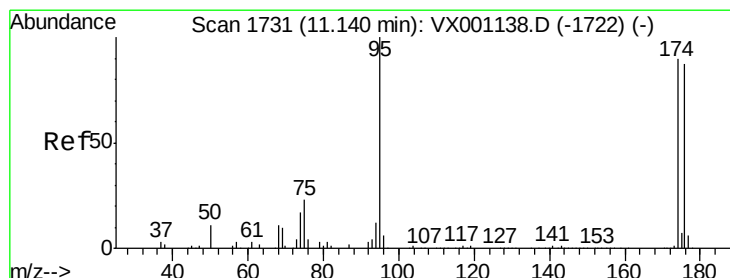
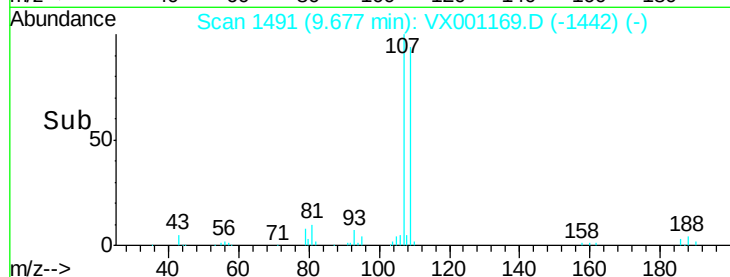
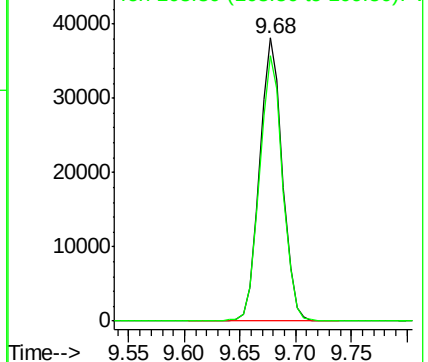
MMDadoda

4/30/2018 6:04:37 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.98 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

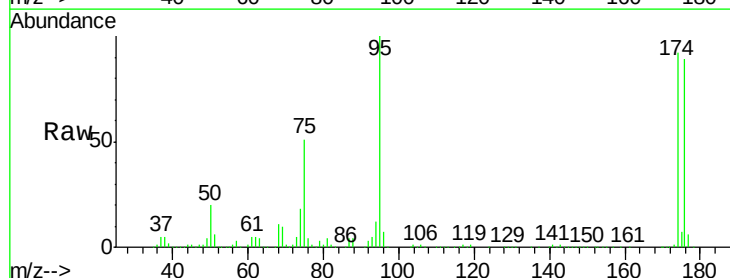
Tgt Ion: 95 Resp: 167869

Ion Ratio Lower Upper

95 100

174 99.5 0.0 194.4

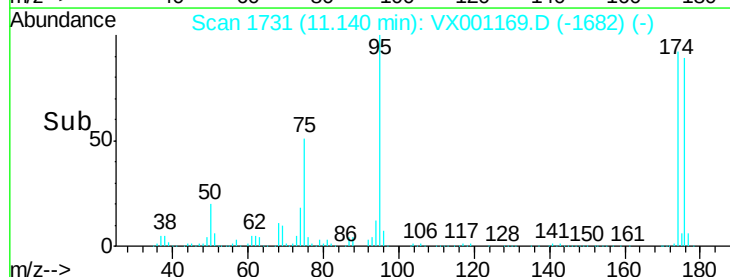
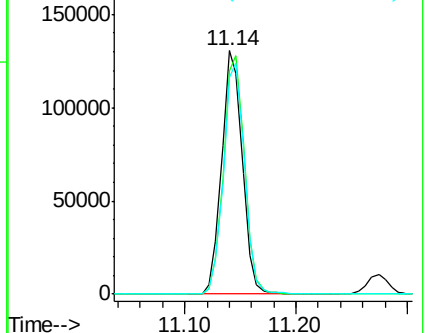
176 96.5 0.0 190.2

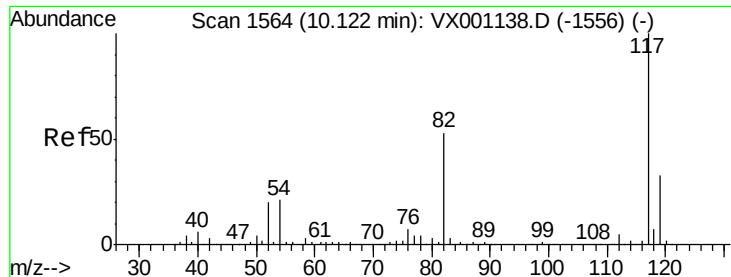


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0427WBSD01

Tot Ion:117 Resp: 281329

Ion Ratio Lower Upper

117 100

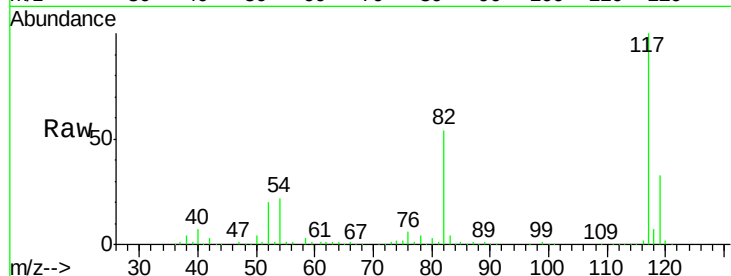
82 53.8 42.1 63.1

119 32.6 26.1 39.1

Manual Integrations
APPROVED

MMDadoda

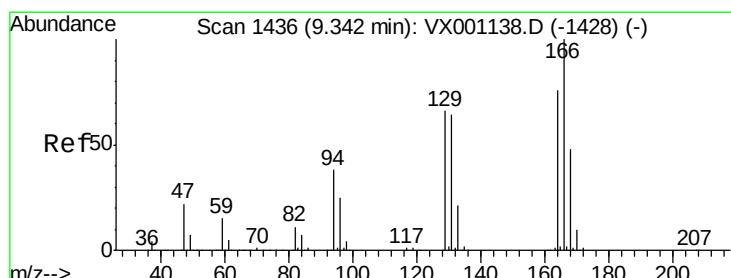
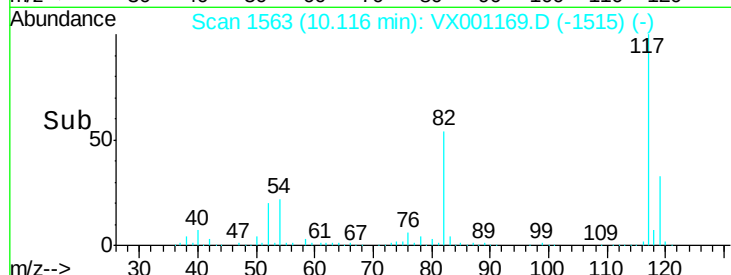
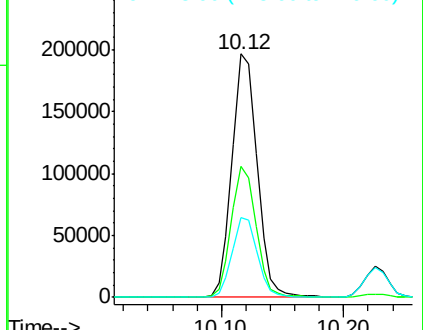
4/30/2018 6:04:37 PM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 21.37 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:164 Resp: 64178

Ion Ratio Lower Upper

164 100

166 131.9 105.0 157.6

129 86.0 69.4 104.2

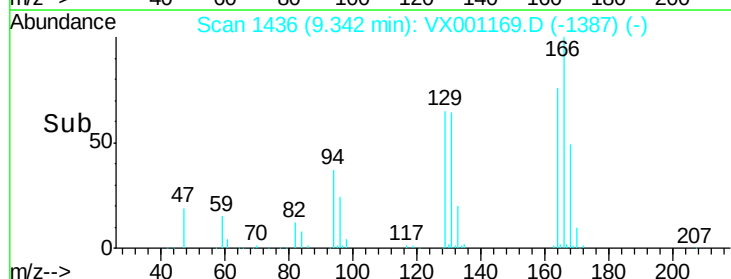
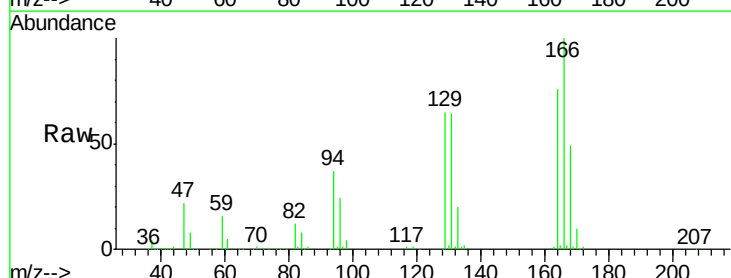
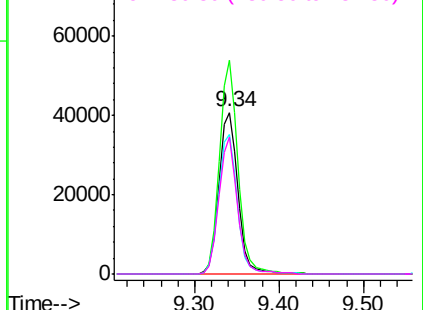
131 84.4 67.3 100.9

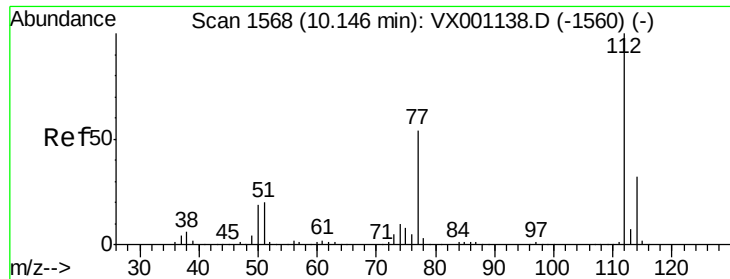
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





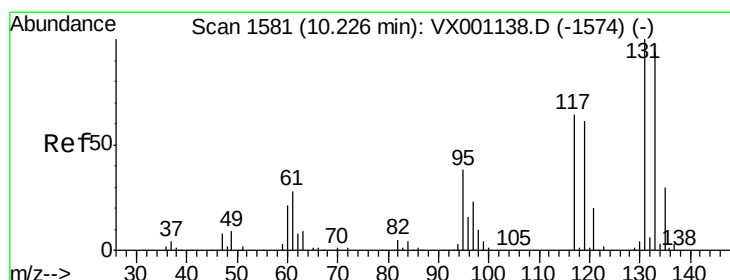
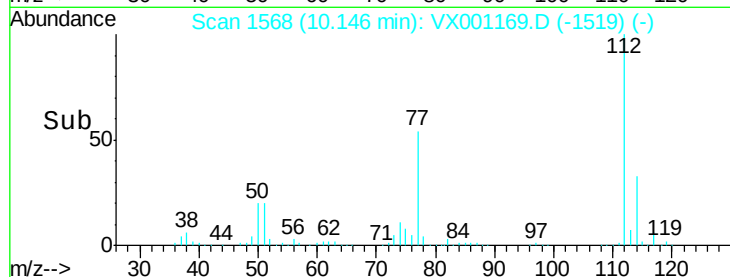
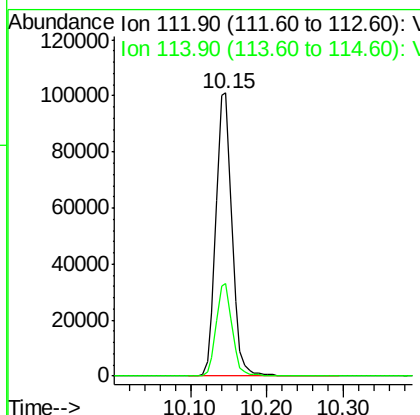
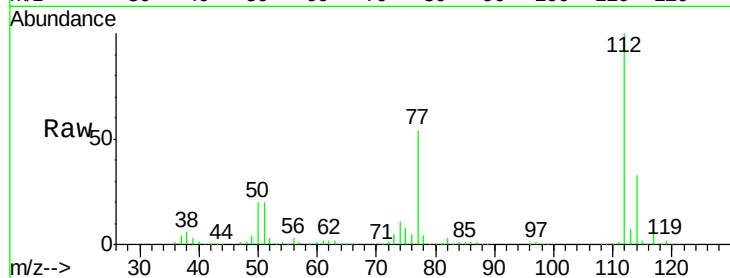
#65
Chlorobenzene
Concen: 19.97 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion:112 Resp: 147200
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

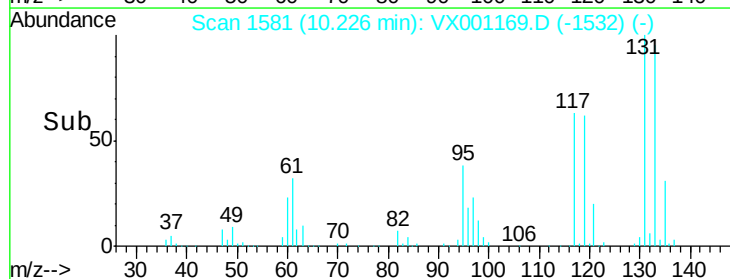
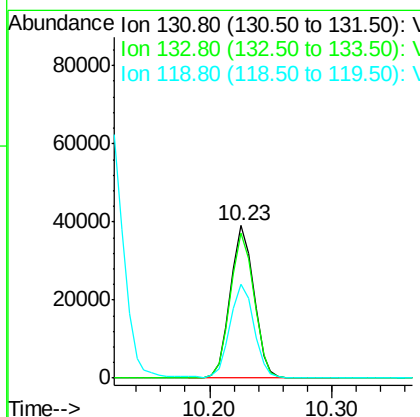
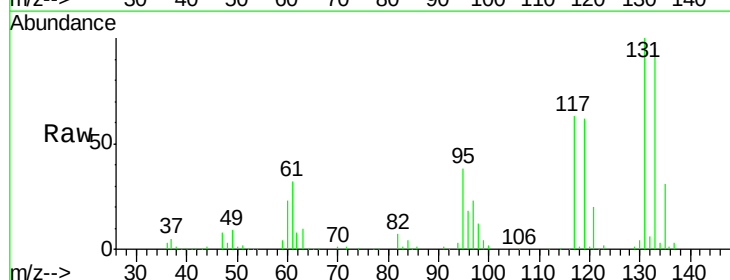
Manual Integrations
APPROVED

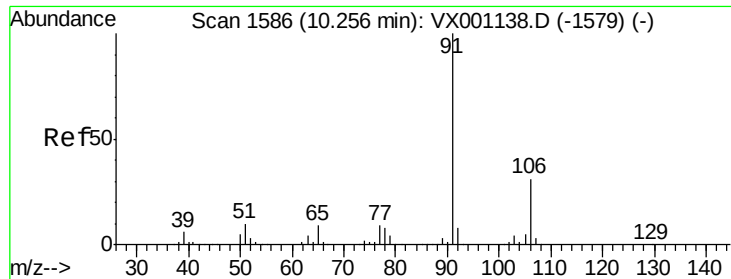
MMDadoda
4/30/2018 6:04:37 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.42 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion:131 Resp: 52073
Ion Ratio Lower Upper
131 100
133 96.2 47.8 143.4
119 62.9 31.3 93.8





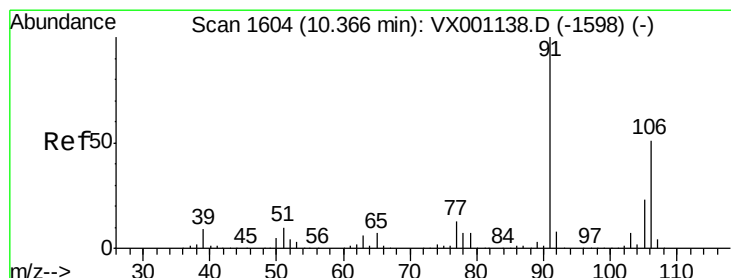
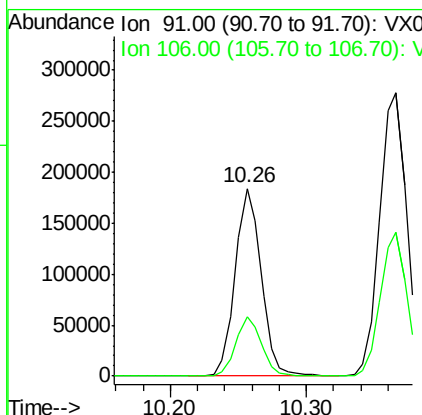
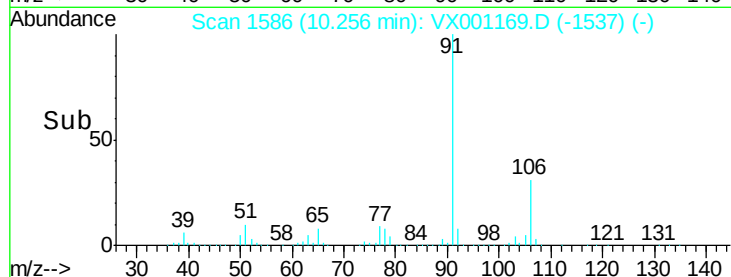
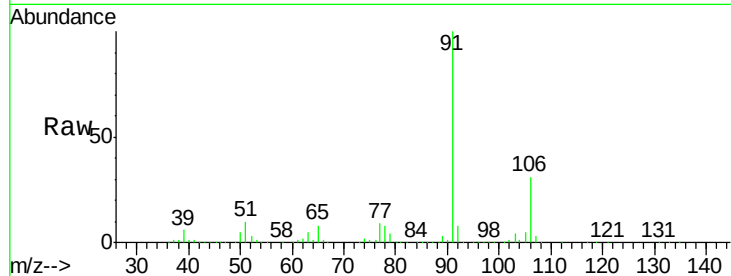
#67
Ethyl Benzene
Concen: 20.61 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion: 91 Resp: 246817
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

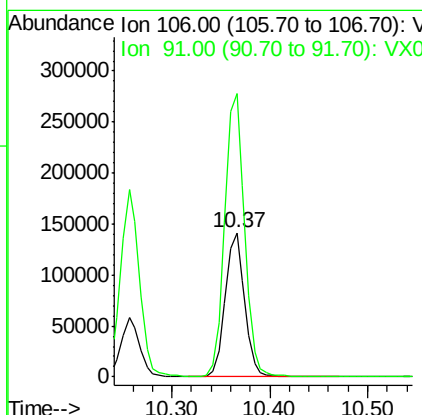
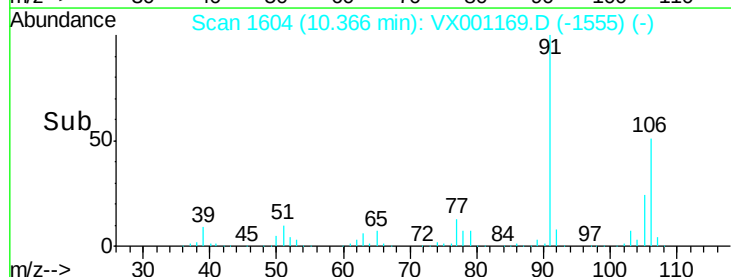
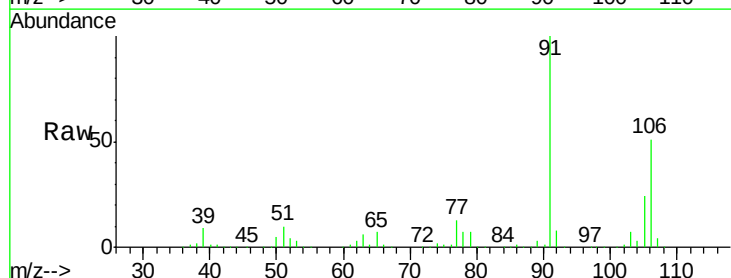
Manual Integrations
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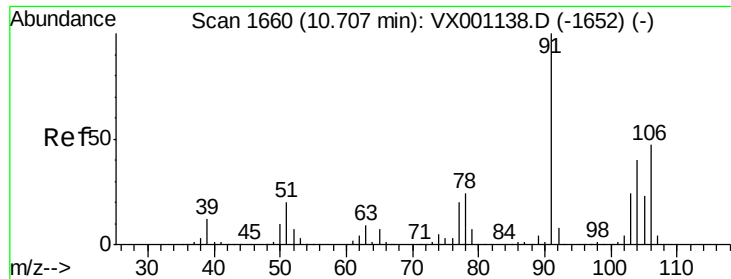
MMDadoda
4/30/2018 6:04:37 PM



#68
m/p-Xylenes
Concen: 40.87 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion: 106 Resp: 193511
Ion Ratio Lower Upper
106 100
91 202.4 160.9 241.3





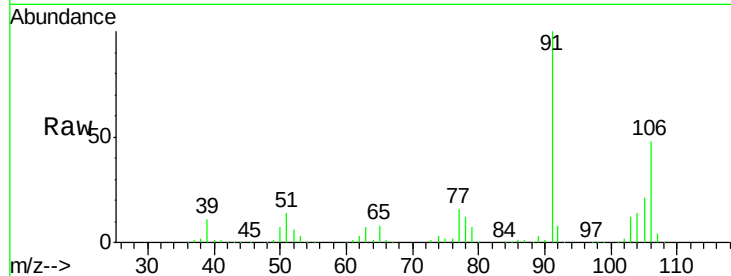
#69
o-Xylene
Concen: 20.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

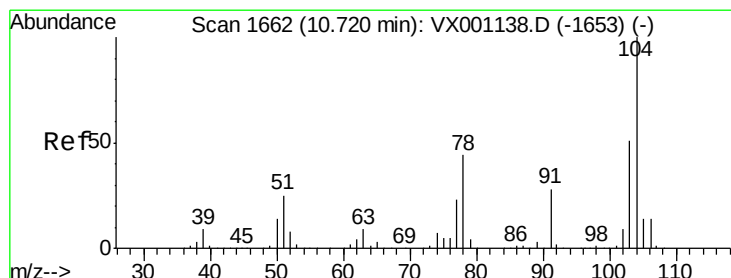
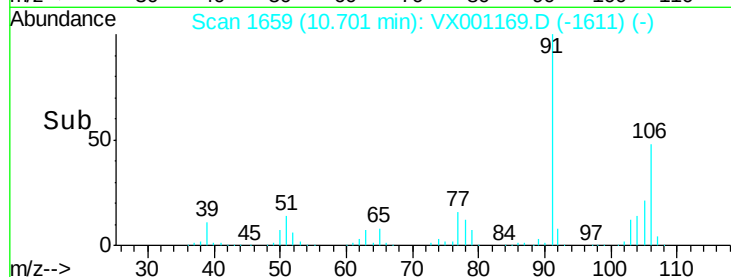
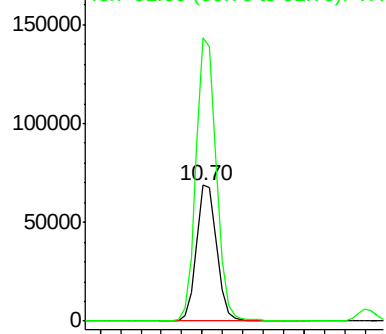
Tot Ion:106 Resp: 94741
Ion Ratio Lower Upper
106 100
91 208.1 106.2 318.5

Manual Integrations
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4/30/2018 6:04:37 PM

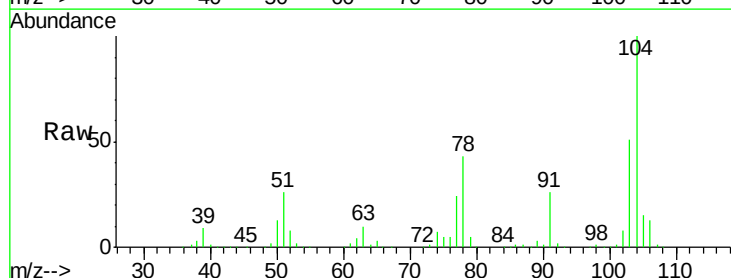


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

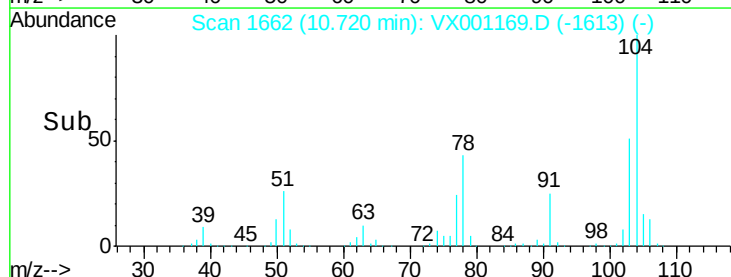
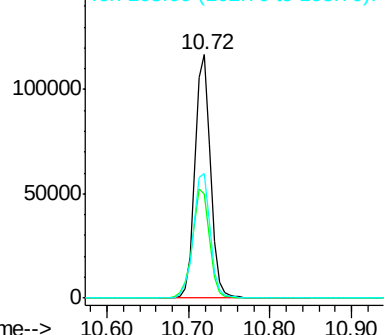


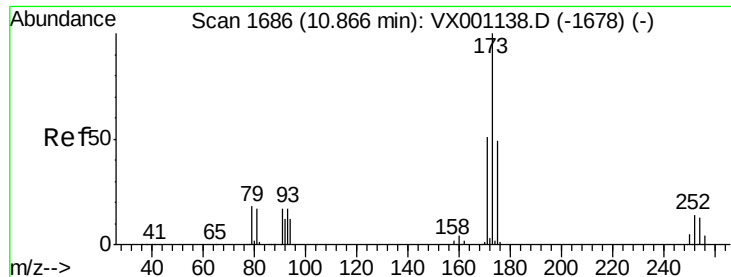
#70
Styrene
Concen: 20.16 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion:104 Resp: 154057
Ion Ratio Lower Upper
104 100
78 50.1 40.3 60.5
103 55.9 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





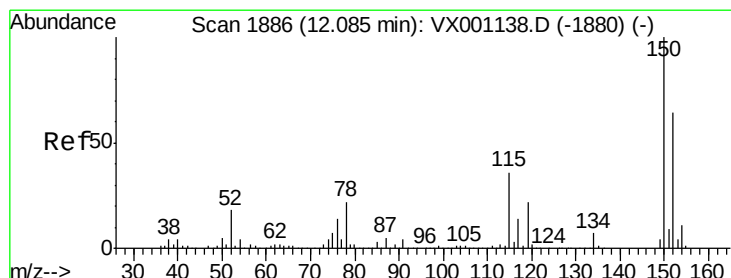
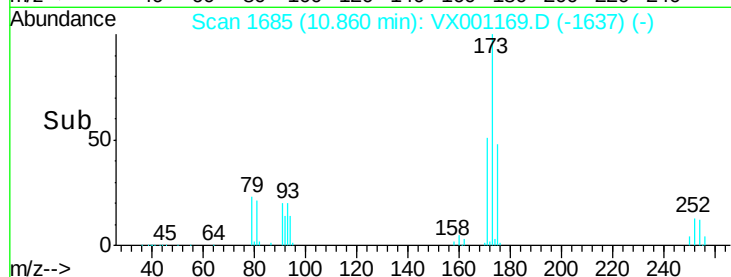
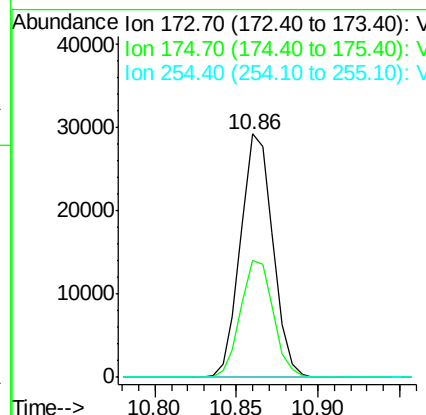
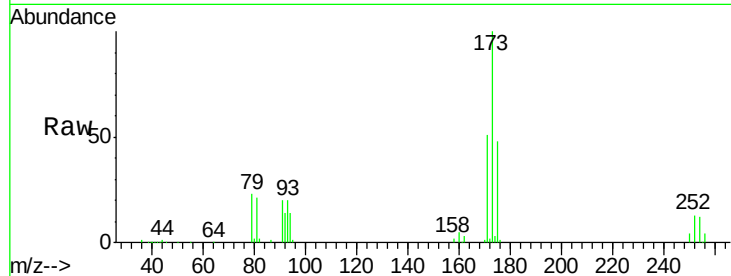
#71
Bromoform
Concen: 18.52 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.6	73.8
254	0.2	0.2	0.2

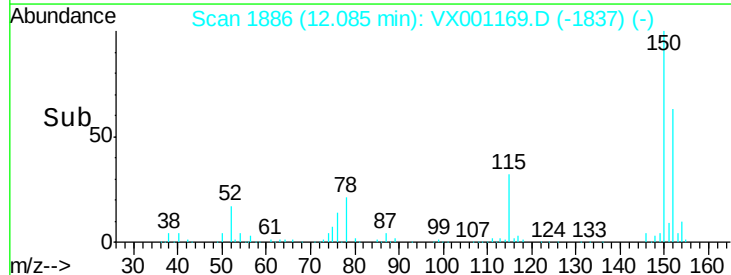
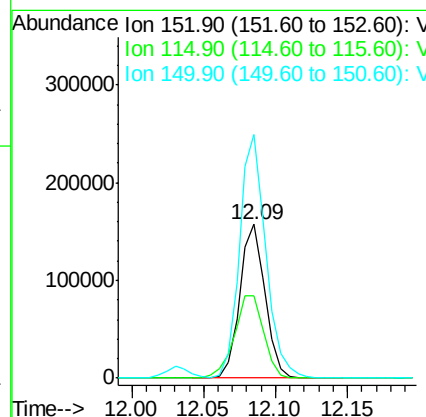
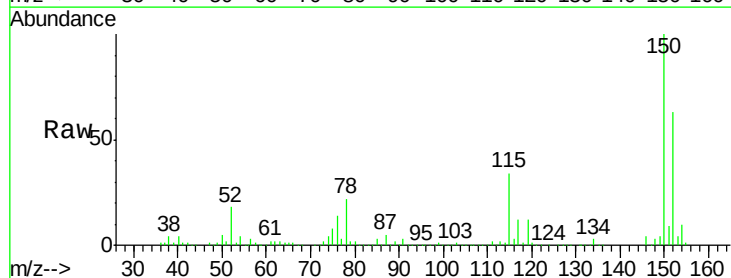
Manual Integrations
APPROVED

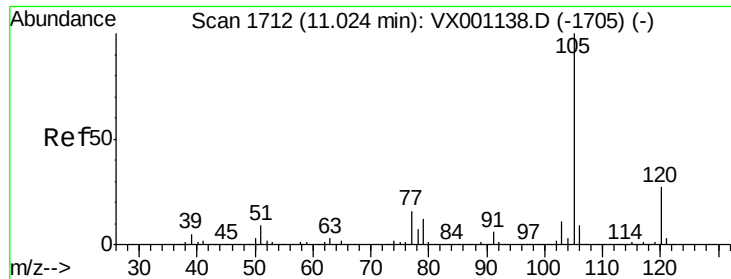
MMDadoda
4/30/2018 6:04:37 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.7	38.0	114.0
150	165.4	0.0	349.6





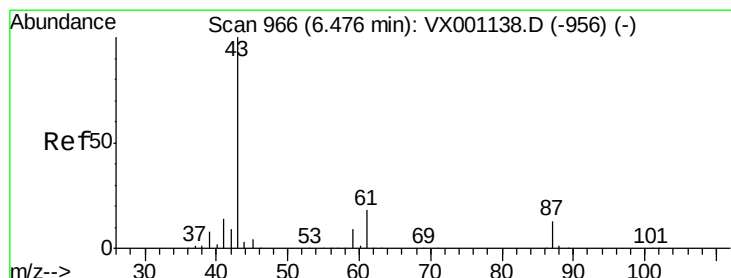
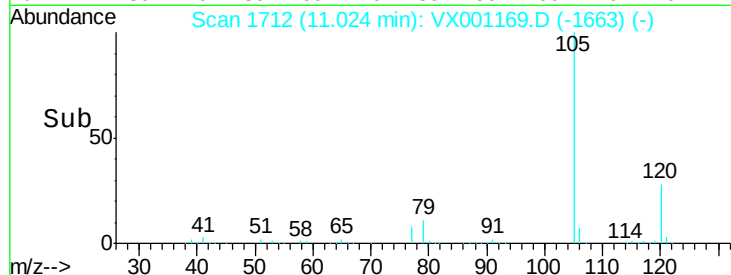
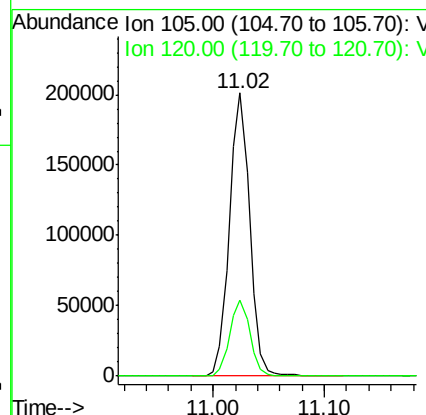
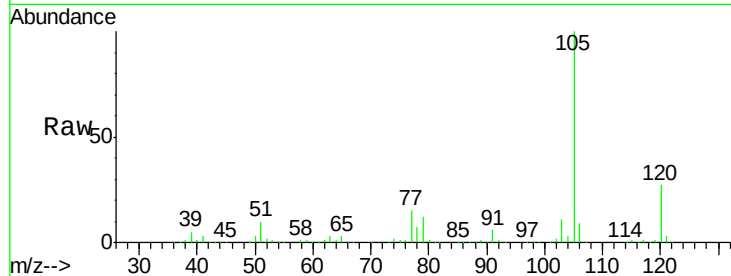
#73
Isopropylbenzene
Concen: 20.28 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.6	40.8

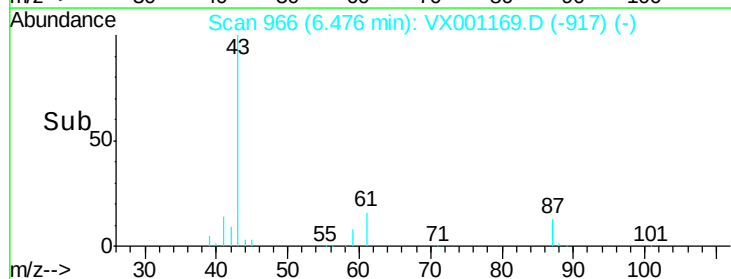
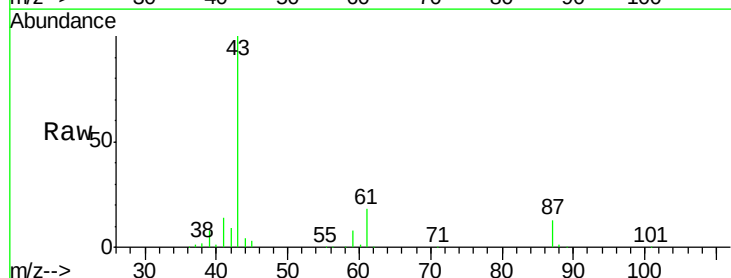
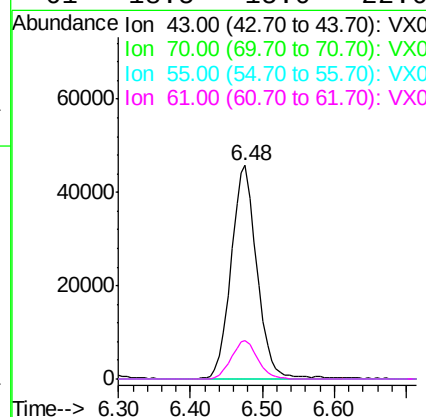
Manual Integrations
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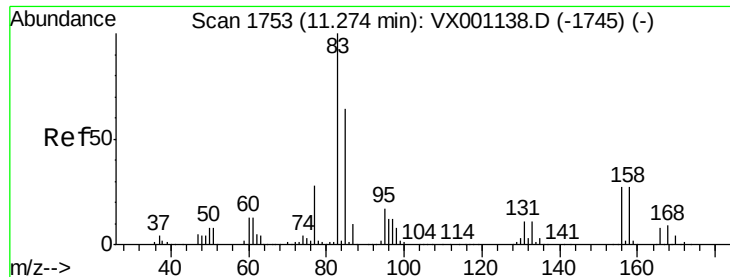
MMDadoda
4/30/2018 6:04:37 PM



#74
N-ethyl acetate
Concen: 17.98 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.0	0.0#
61	18.5	15.0	22.6





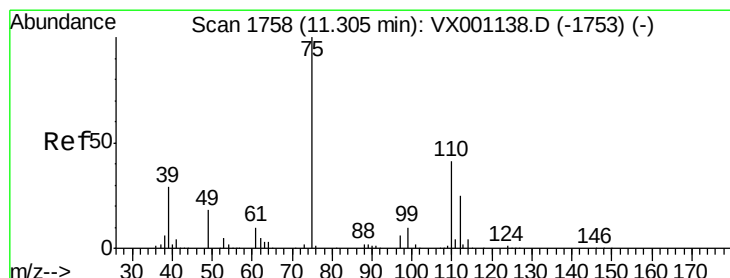
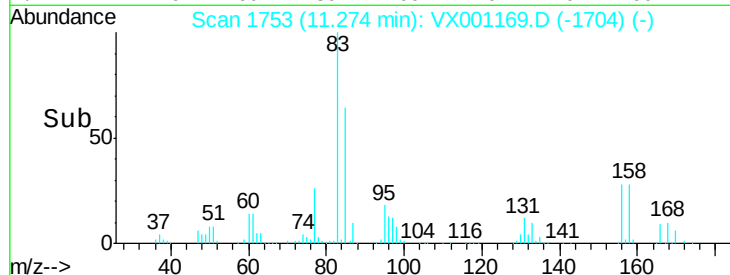
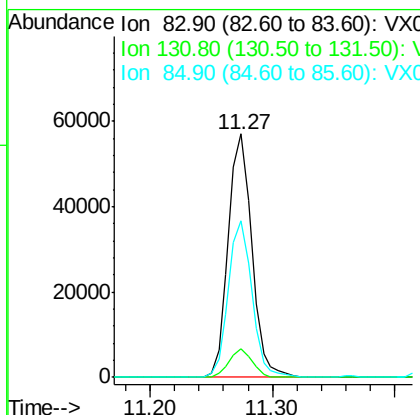
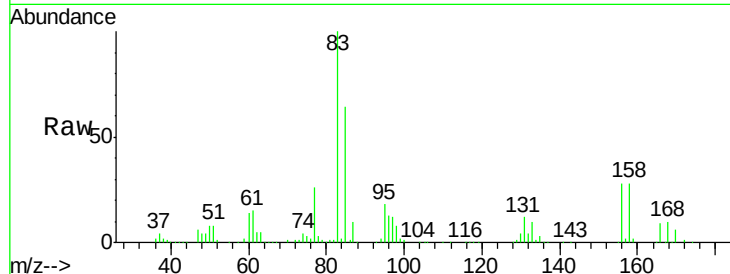
#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.33 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	83	Resp	76144
Ion Ratio	100	Lower	Upper
83	100		
131	11.5	5.8	17.4
85	64.4	32.1	96.3

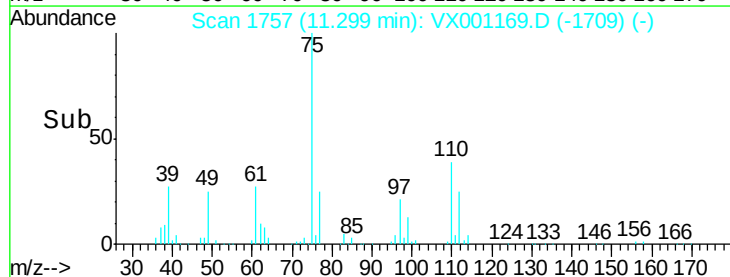
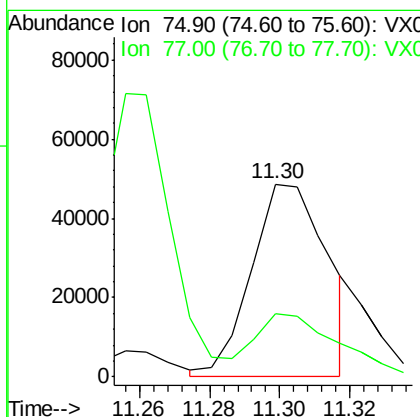
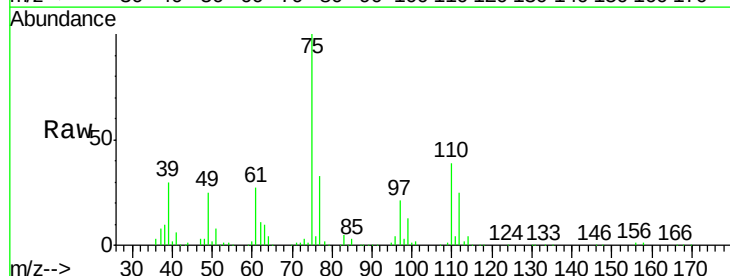
Manual Integrations
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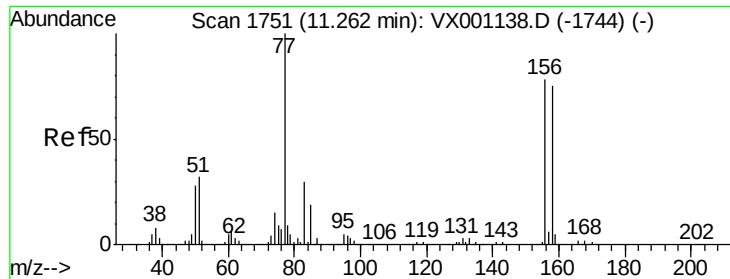
MMDadoda
 4/30/2018 6:04:37 PM



#76
 1,2,3-Trichloropropane
 Concen: 18.63 ug/l m
 RT: 11.30 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	75	Resp	72855
Ion Ratio	100	Lower	Upper
75	100		
77	35.8	18.9	56.9





#77

Bromobenzene

Concen: 19.81 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

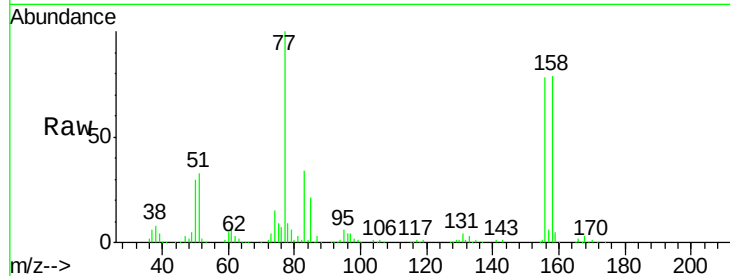
ClientSampleId :

VX0427WBSD01

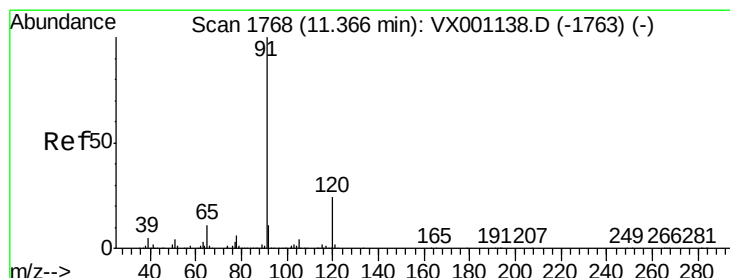
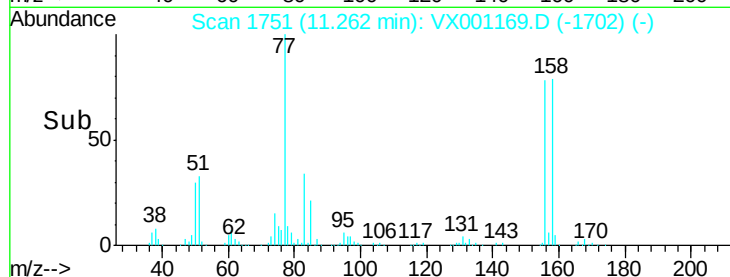
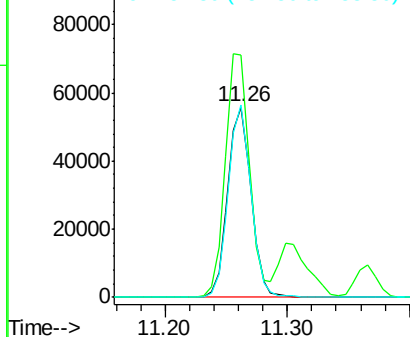
Tot Ion:	156	Resp:	73533
Ion Ratio	Lower	Upper	
156	100		
77	133.8	67.8	203.2
158	98.2	48.9	146.7

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.70 ug/l

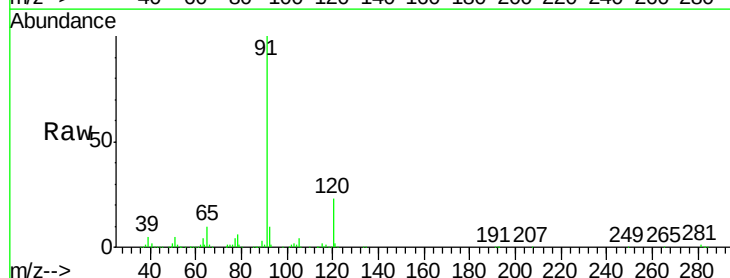
RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

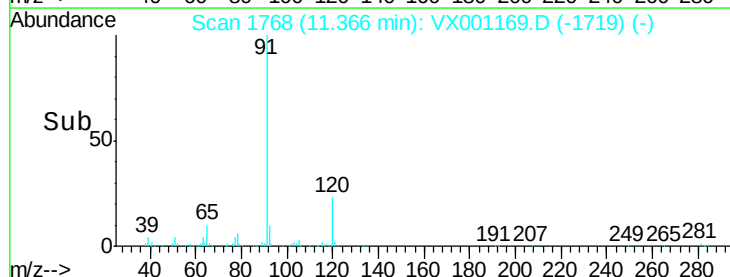
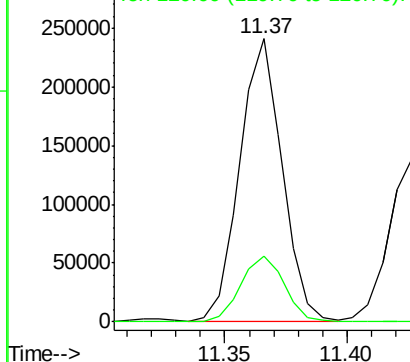
Lab File: VX001169.D

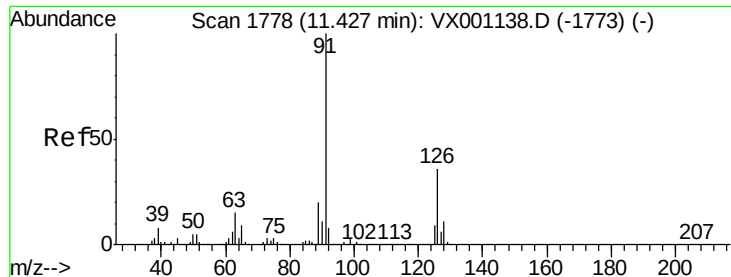
Acq: 27 Apr 2018 14:46

Tgt Ion:	91	Resp:	288992
Ion Ratio	Lower	Upper	
91	100		
120	24.3	12.2	36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.91 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampled :

VX0427WBSD01

Tot Ion: 91 Resp: 172259

Ion Ratio Lower Upper

91 100

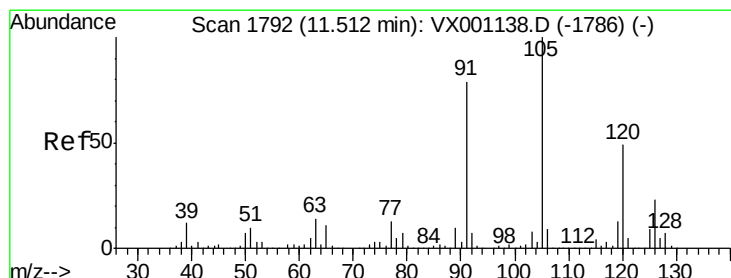
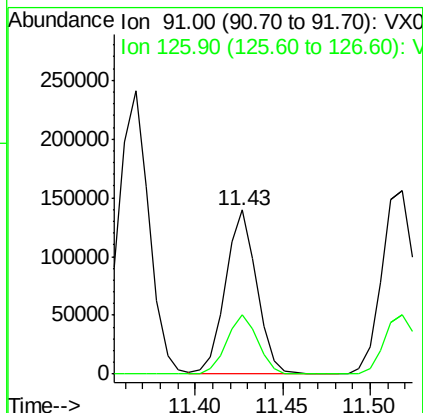
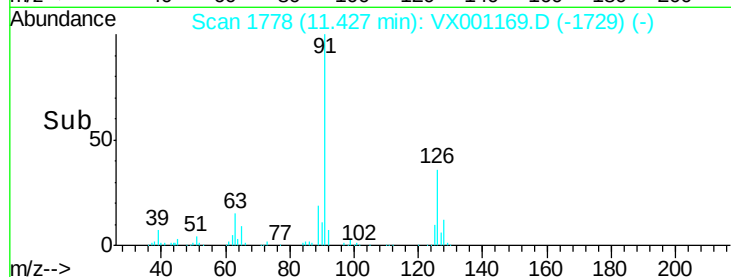
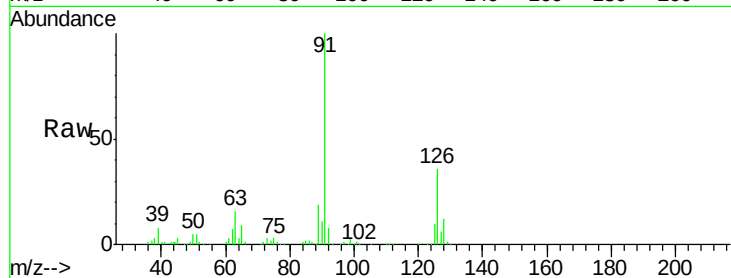
126 36.2 18.2 54.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.26 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001169.D

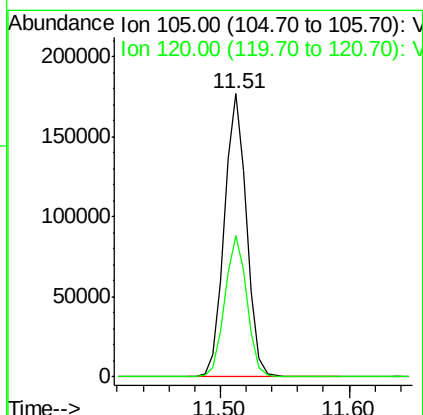
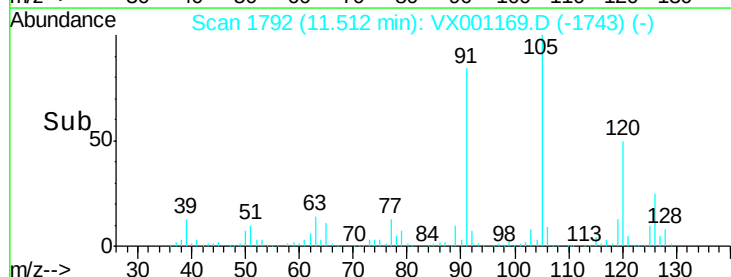
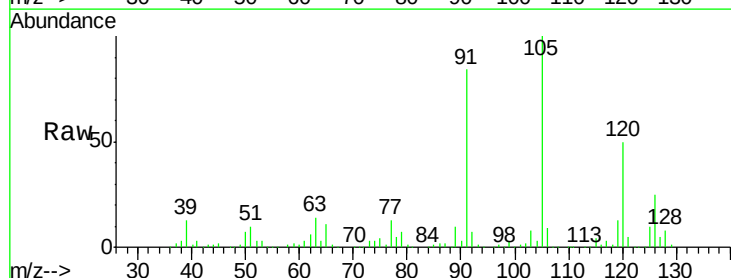
Acq: 27 Apr 2018 14:46

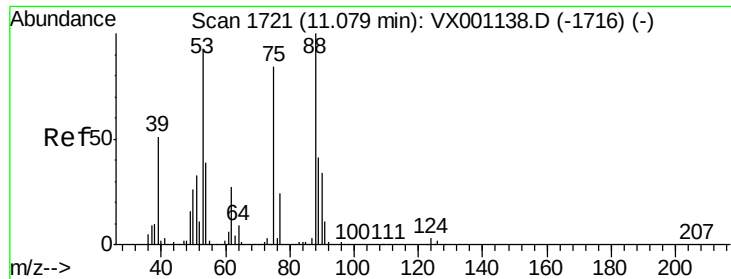
Tgt Ion: 105 Resp: 214693

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.20 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion: 75 Resp: 16519

Ion Ratio Lower Upper

75 100

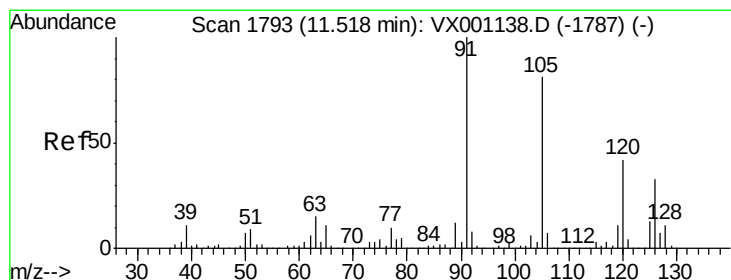
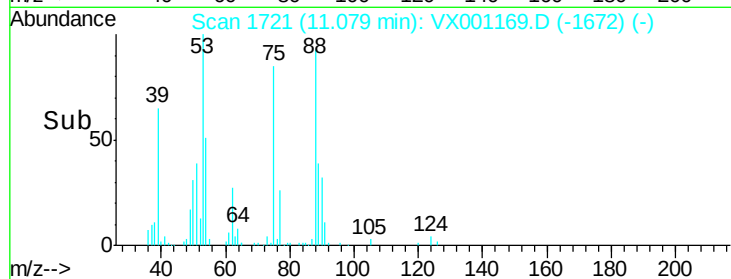
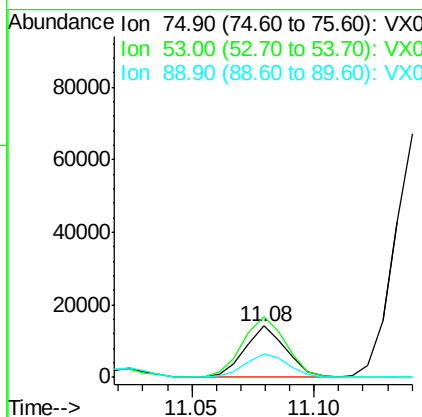
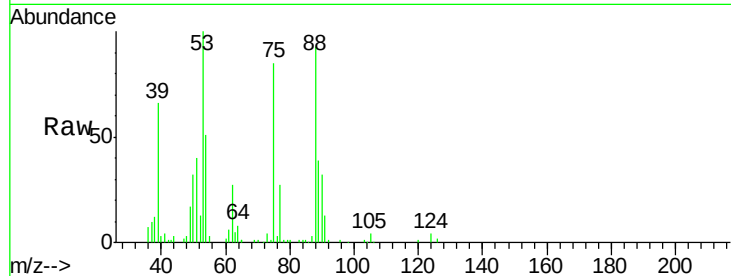
53 126.4 87.9 131.9

89 48.9 37.7 56.5

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#82

4-Chlorotoluene

Concen: 19.98 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001169.D

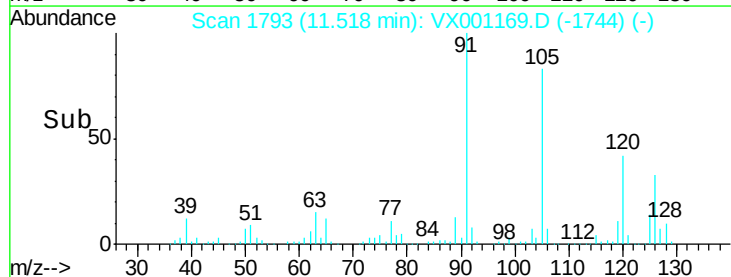
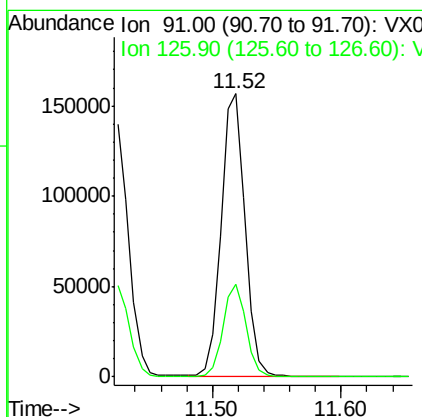
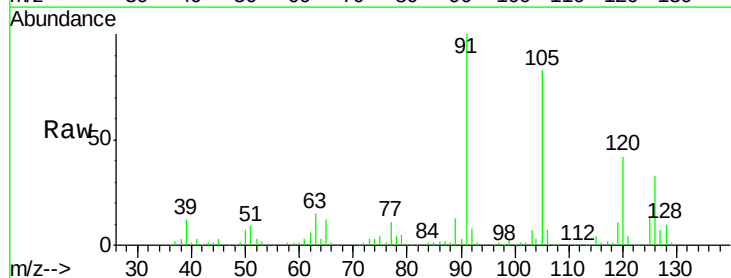
Acq: 27 Apr 2018 14:46

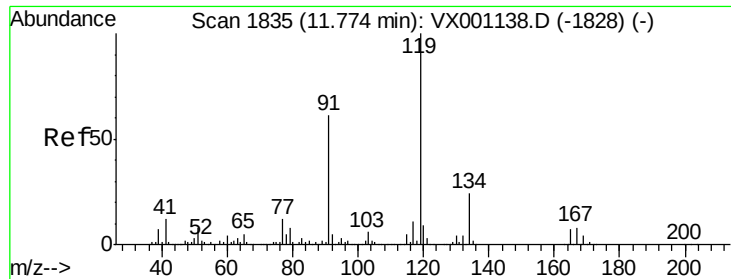
Tgt Ion: 91 Resp: 205501

Ion Ratio Lower Upper

91 100

126 31.4 15.8 47.4





#83

tert-Butylbenzene

Concen: 19.73 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

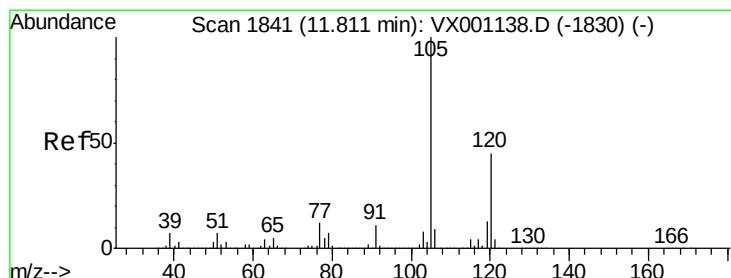
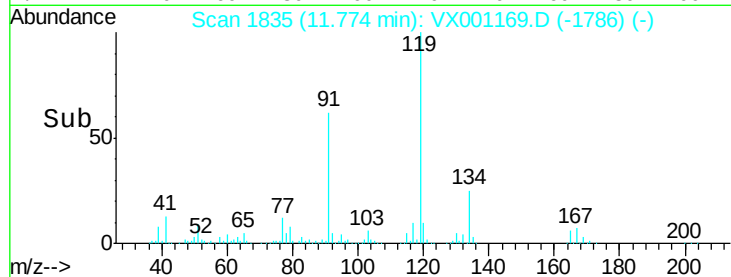
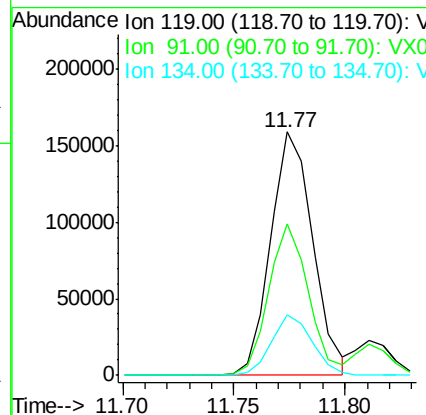
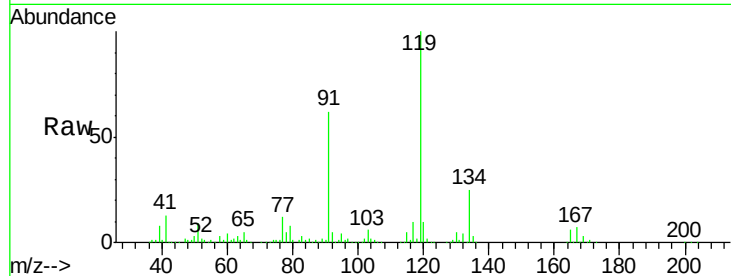
ClientSampleId :

VX0427WBSD01

Tot Ion:	119	Resp:	208716
Ion Ratio	Lower	Upper	
119	100		
91	58.8	27.6	82.8
134	24.2	11.5	34.5

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#84

1,2,4-Trimethylbenzene

Concen: 20.47 ug/l

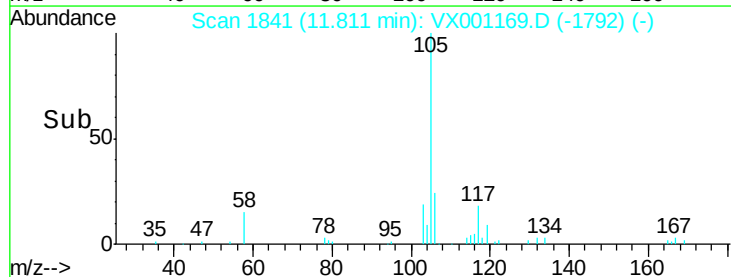
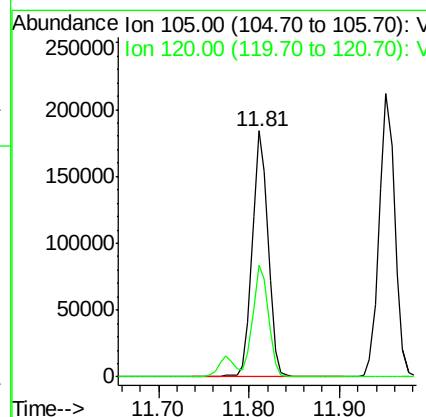
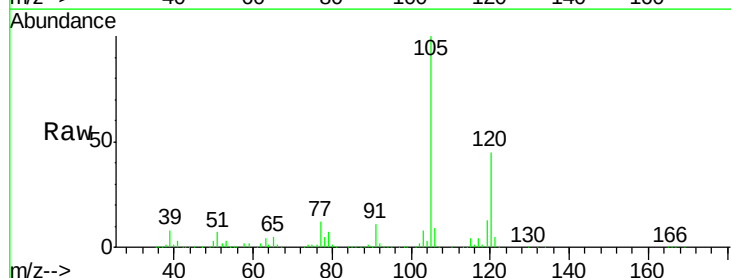
RT: 11.81 min Scan# 1841

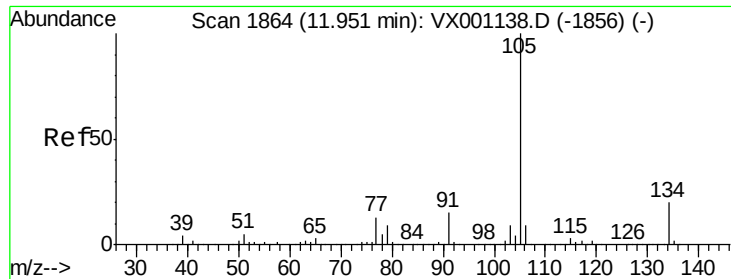
Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:	105	Resp:	222981
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.4	67.3





#85

sec-Butylbenzene

Concen: 20.62 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

ClientSampleId :

VX0427WBSD01

Tot Ion:105 Resp: 254835

Ion Ratio Lower Upper

105 100

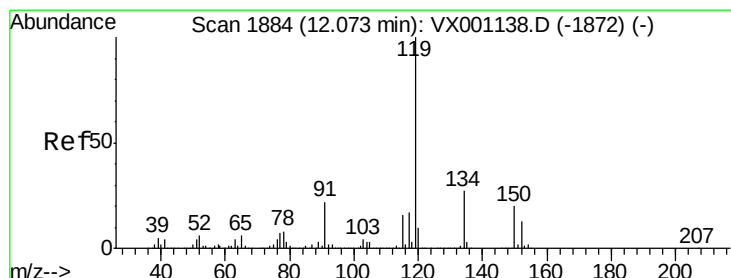
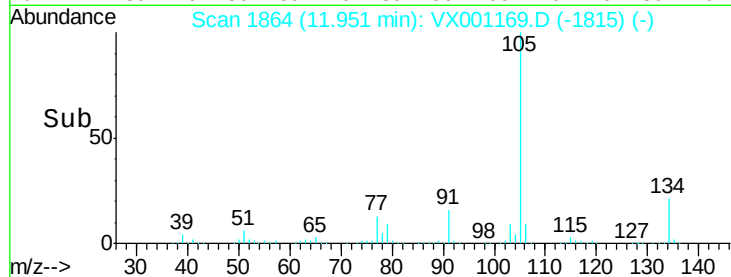
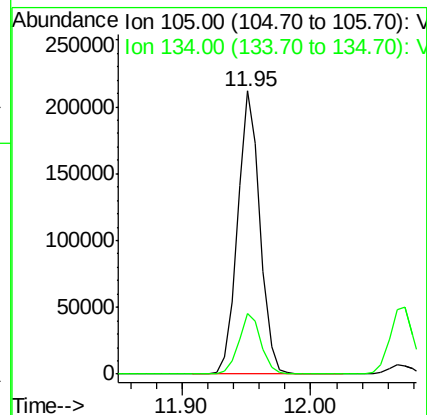
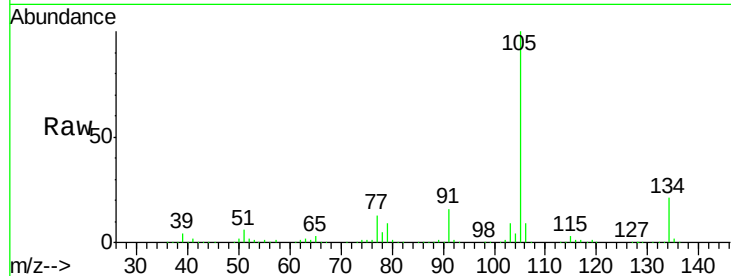
134 21.3 10.5 31.5

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#86

p-Isopropyltoluene

Concen: 20.39 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

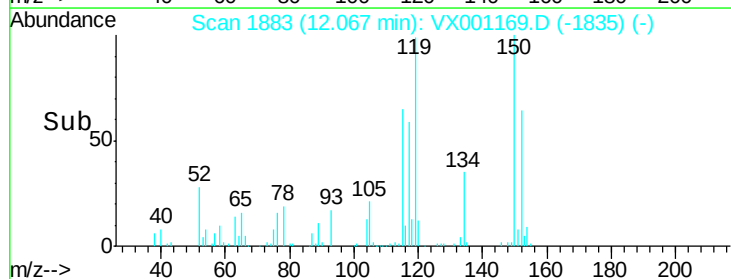
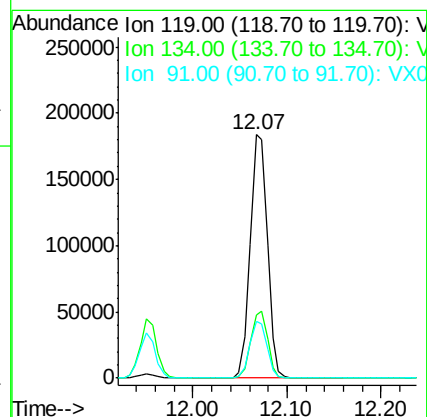
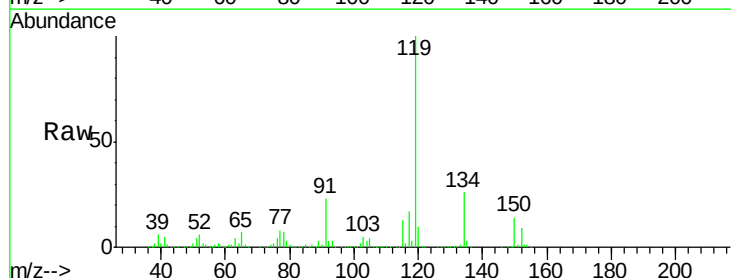
Tgt Ion:119 Resp: 234413

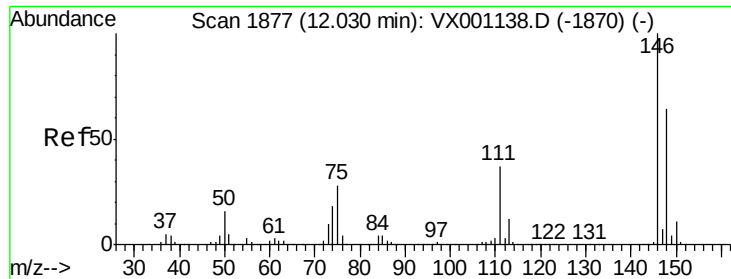
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 23.2 11.6 34.8





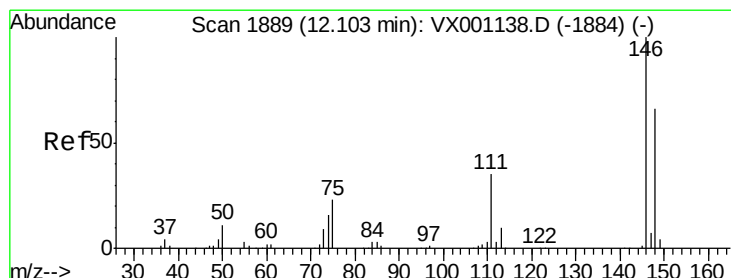
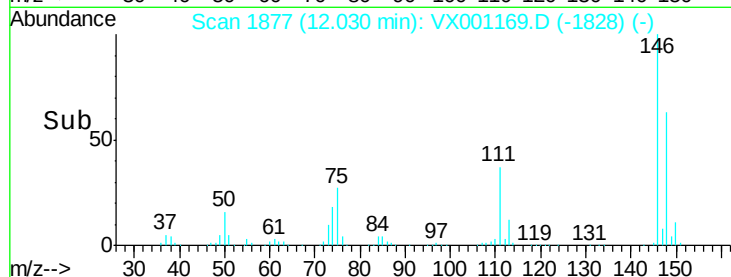
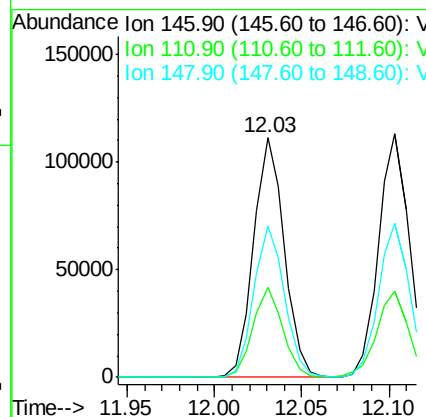
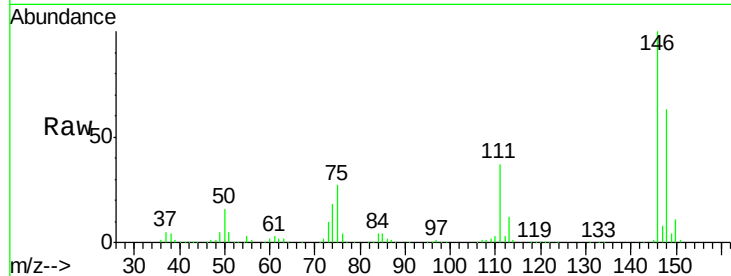
#87
 1,3-Dichlorobenzene
 Concen: 20.34 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	56.0
148	63.3	32.3	96.8

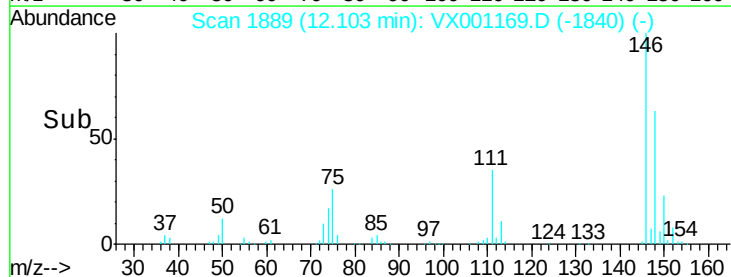
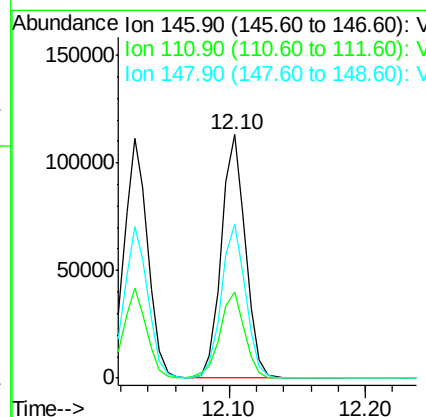
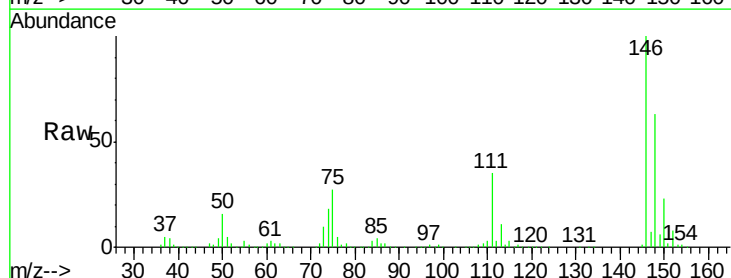
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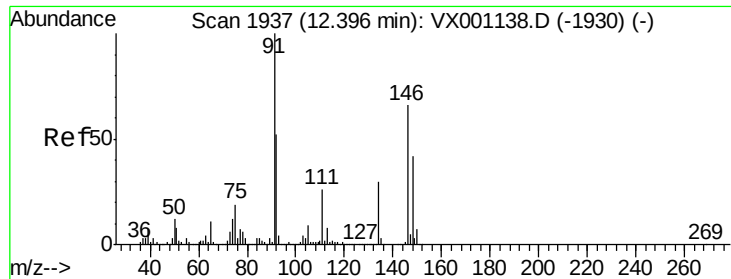
MMDadoda
 4/30/2018 6:04:37 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.92 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.0	54.0
148	64.1	32.5	97.5





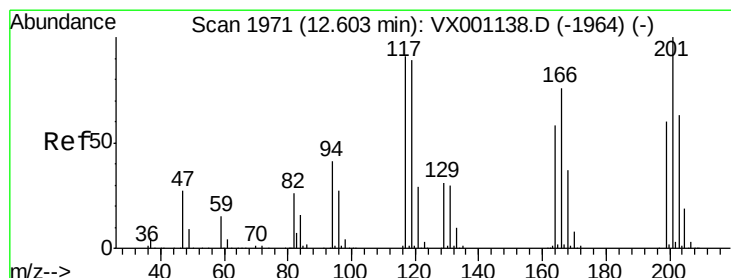
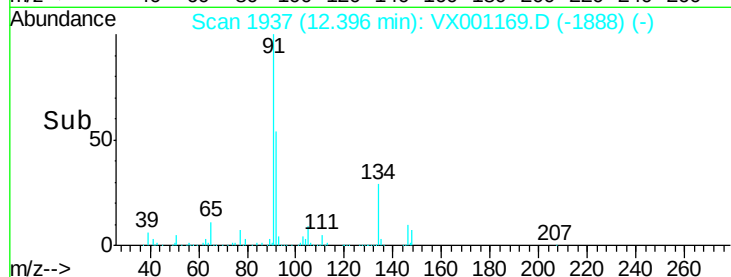
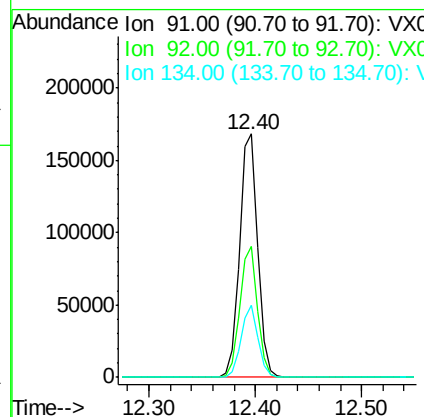
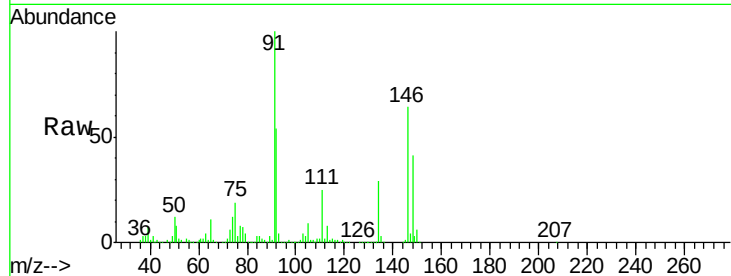
#89
n-Butylbenzene
Concen: 20.11 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Instrument :
MSVOA_X
ClientSampleId :
VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.6
134	27.8	14.1	42.3

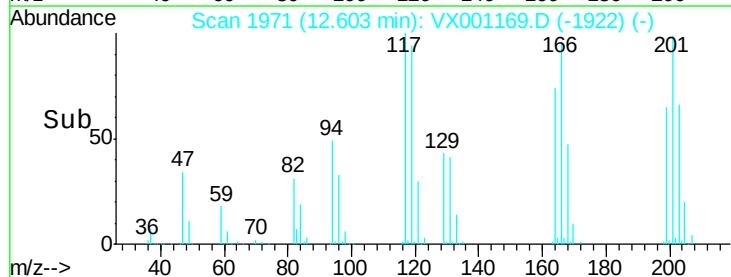
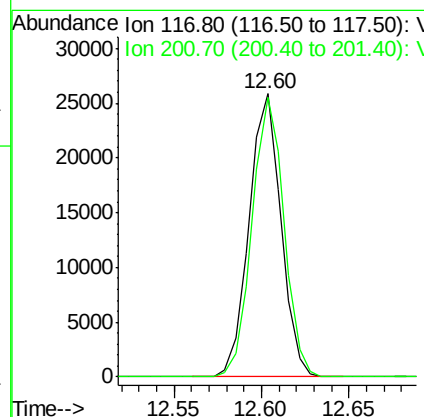
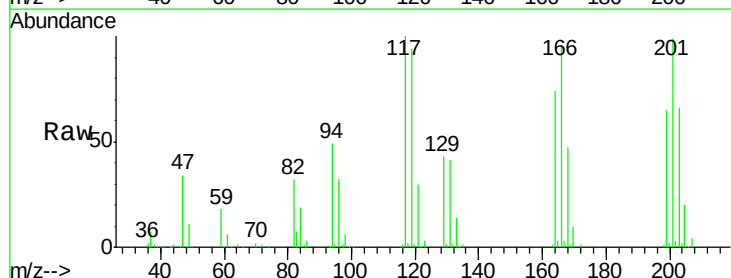
Manual Integrations
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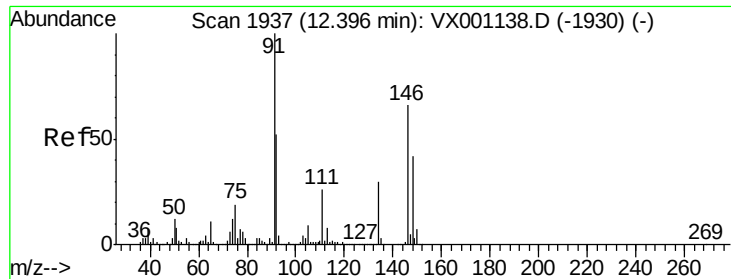
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#90
Hexachloroethane
Concen: 19.78 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001169.D
Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.9	51.8	155.4





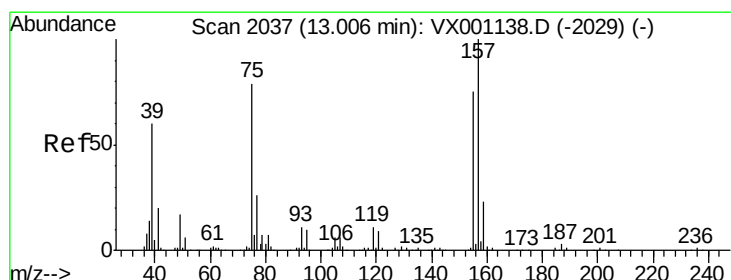
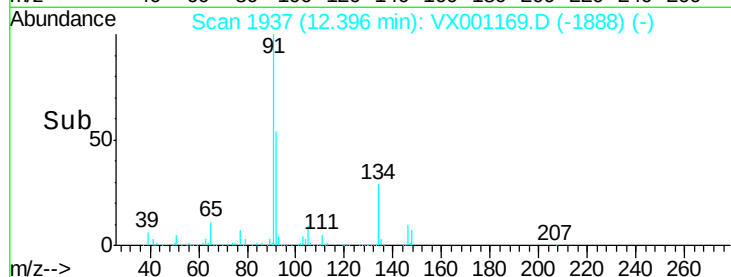
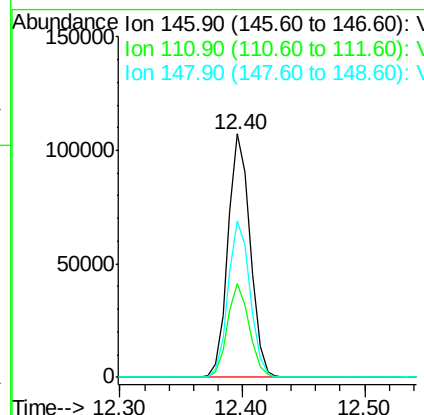
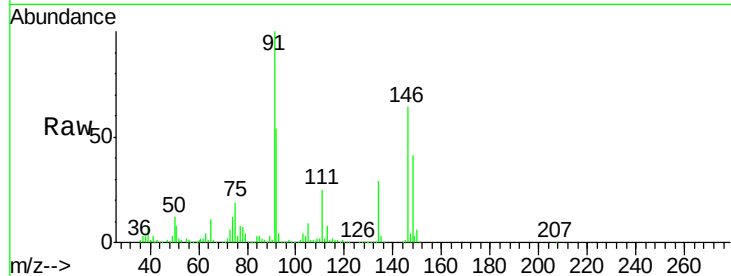
#91
 1,2-Dichlorobenzene
 Concen: 19.95 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0427WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	63.8	32.2	96.6

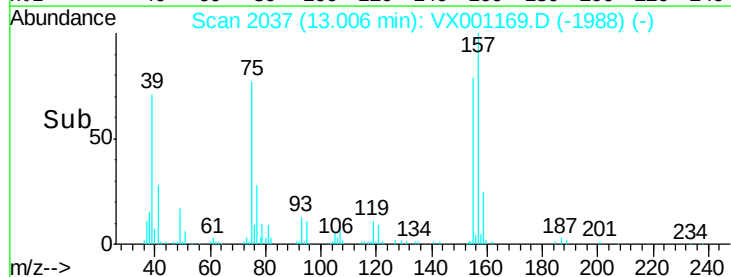
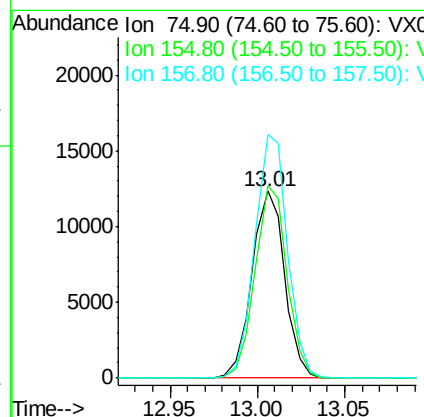
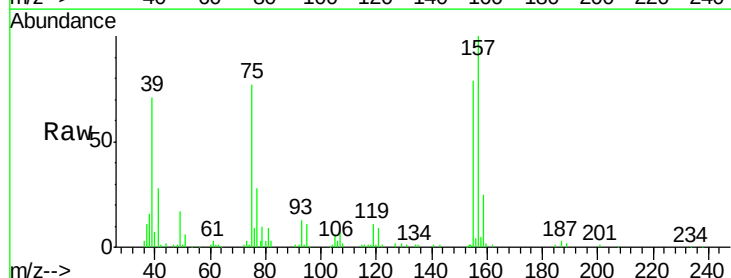
Manual Integrations
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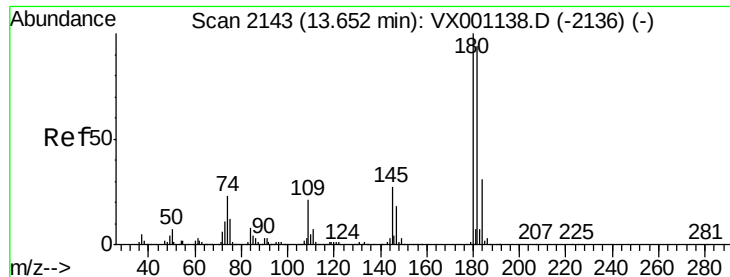
MMDadoda
 4/30/2018 6:04:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.42 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001169.D
 Acq: 27 Apr 2018 14:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	100.9	48.4	145.3
157	130.5	62.7	188.1





#93

1,2,4-Trichlorobenzene

Concen: 19.65 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

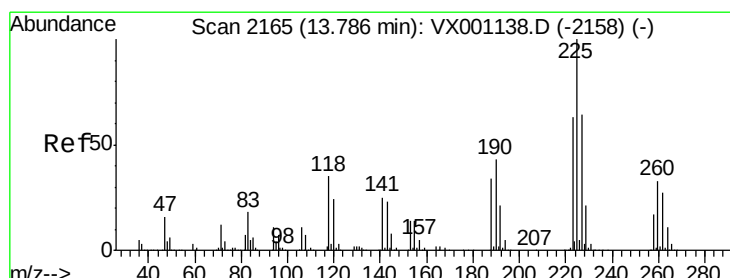
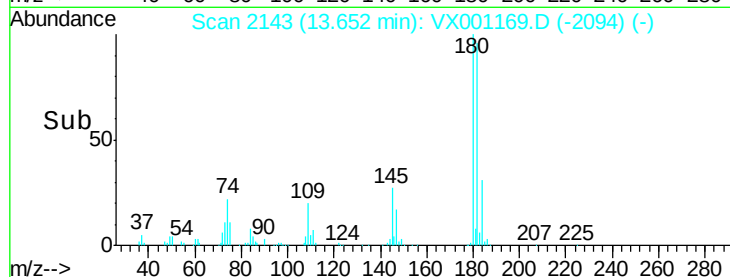
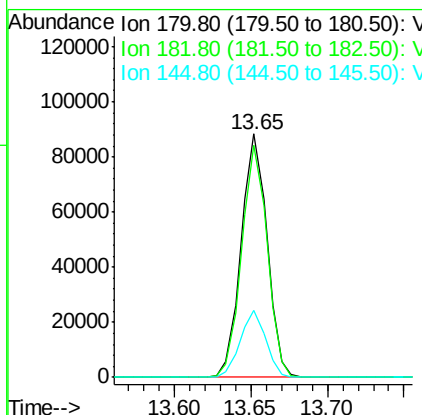
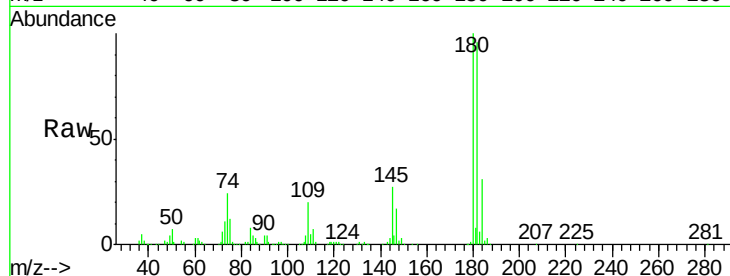
ClientSampleId :

VX0427WBSD01

Tot Ion:	180	Resp:	103780
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.9	143.6
145	27.0	13.8	41.4

Manual Integrations
APPROVED

MMDadoda
4/30/2018 6:04:37 PM



#94

Hexachlorobutadiene

Concen: 19.01 ug/l

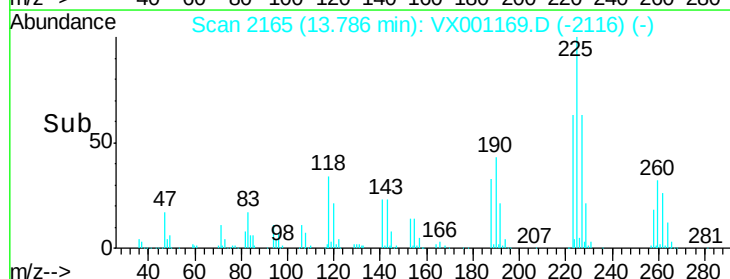
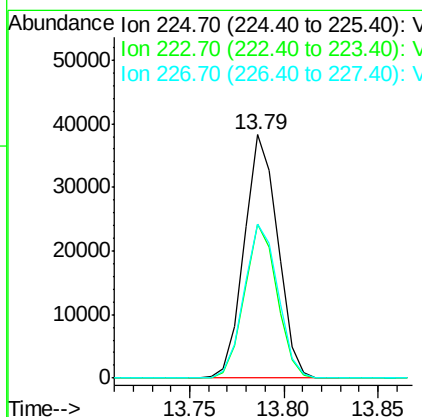
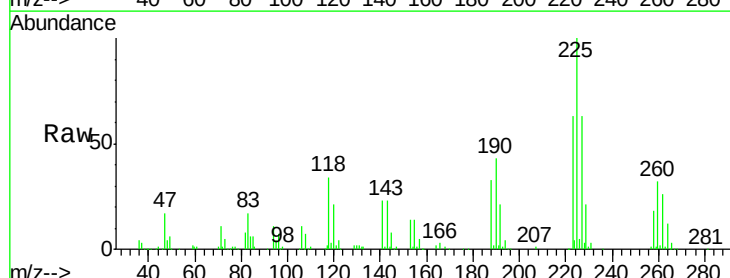
RT: 13.79 min Scan# 2165

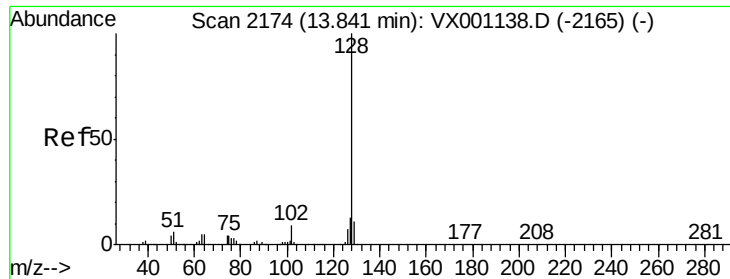
Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:	225	Resp:	47191
Ion Ratio	Lower	Upper	
225	100		
223	61.5	31.3	93.9
227	64.1	32.2	96.6





#95

Naphthalene

Concen: 18.89 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Instrument :

MSVOA_X

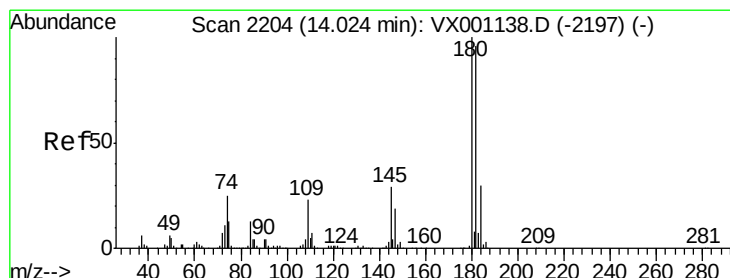
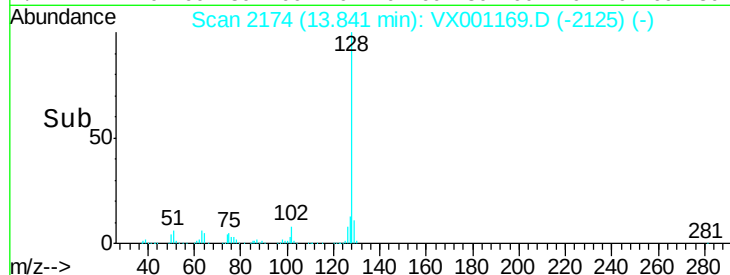
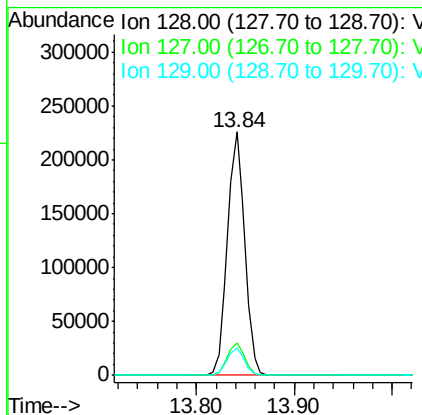
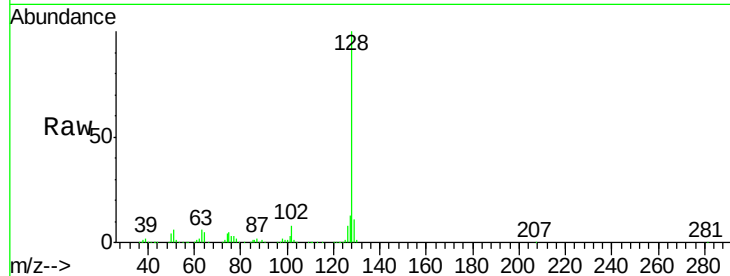
ClientSampleId :

VX0427WBSD01

Tot Ion:	128	Resp:	277900
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/30/2018 6:04:37 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.62 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX001169.D

Acq: 27 Apr 2018 14:46

Tgt Ion:	180	Resp:	103119
Ion Ratio	Lower	Upper	
180	100		
182	95.1	48.2	144.6
145	29.1	14.5	43.5

